

TOSHKENT AXBOROT TEXNOLOGIYALARI
UNIVERSITETI

KURS ISHI

MAVZU: Zamonaviy turar joylarning umumiy ko'rinishini yaratish

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Toshkent 2016

REJA:

Kirish

- 1. 3D max dasturi bilan tanishish**
- 2. Ishning bajarish jarayoni**
- 3. Foydalanilgan adabiyotlar ro'yhati**

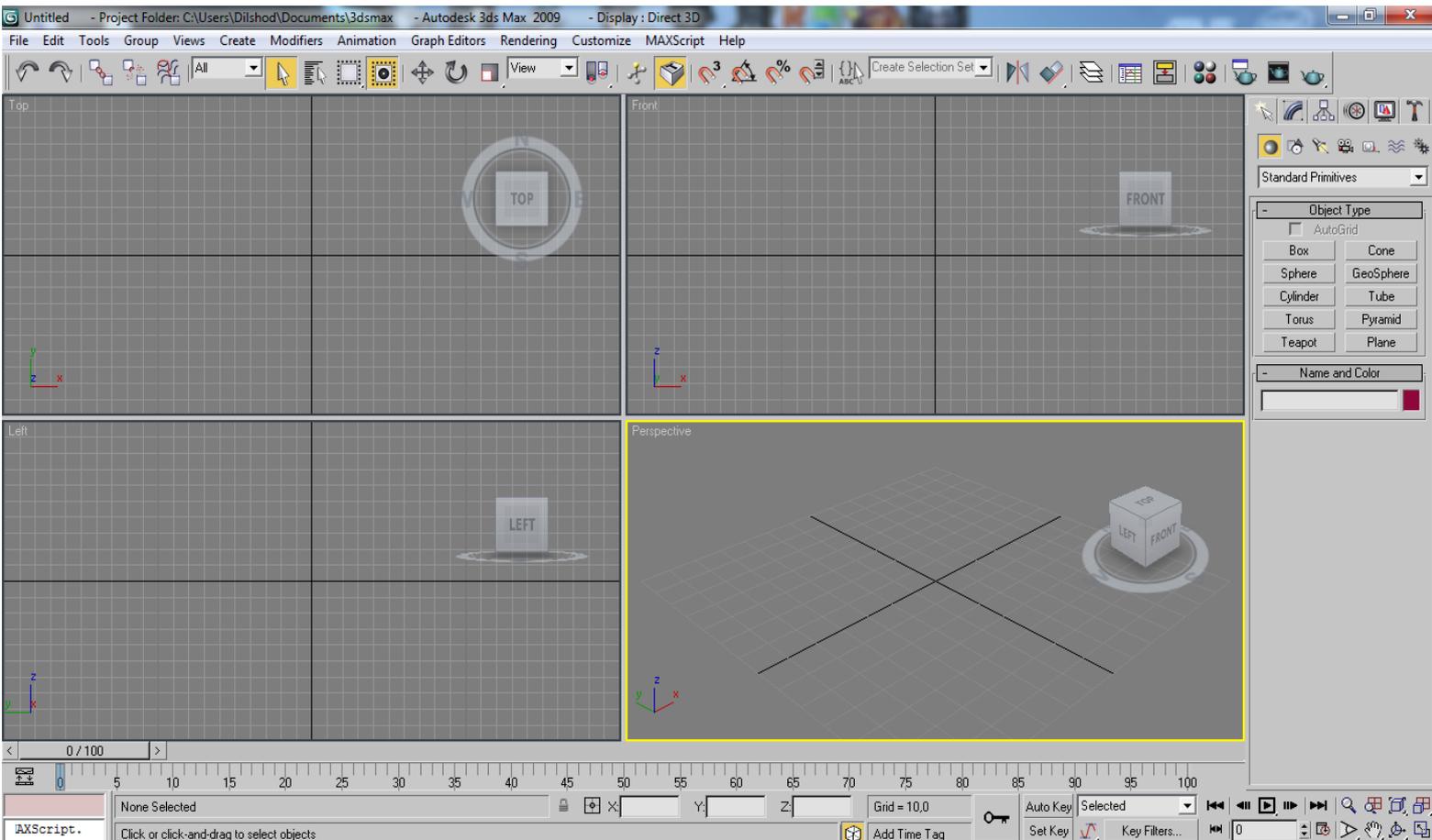
XULOSA

Kirish

3d Max dasturi hozirgi kunga kelib ommabop dasturlardan biri bo'lib bu dastur orqali biz har bir ko'ringan jismning modelini yaratish imkoniyatini beradi. 3d max dasturi boshqa dasturlardan ko'p jihatlari bilan farqlanadi. Hozirgi kunga kelib 3d max dasturi butun dunyo oliy o'quv yurtlarida darslik sifatida o'qitilib kelinmoqda shu jumladan bizning O'rta Osiyo yagona bo'lgan Toshkent Axborot Texnologiyalari Universitetida ham malakali o'qituvchilari tomonidan talabalarga mukammal tarzda o'rgatilib kelinmoqda. 3d max dasturi o'zining qulayligi bilan qolgan dasturlardan ajralib turadi. Bu dastur yordami har xil binolarni chiroyli dizaynini yaratishda yordam beradi qolaversa bu dasturning imkoniyatlari judayam ko'p. Bu dastur orqali biror bir abektni tayyor maketini yasash mumkun.

Interfeys.

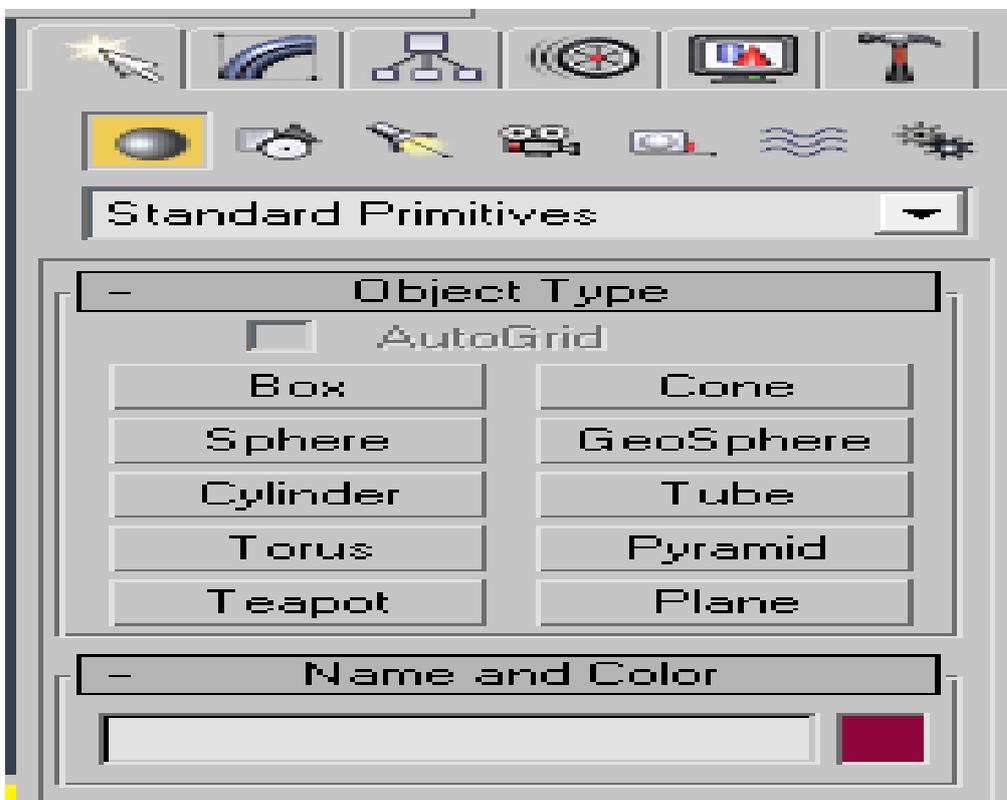
3d mazning asosiy oynasi quyidagicha ko'rinishga ega:



Bu dasturda turli xil imkoniyatlarga ega bo'lamiz.

Har xil amallarni bajaruvchi funksiyalari bor.

Masalan:



Bunda biz turli xil shakllarni (to'rtburchak,kub,prizma,piramida,...) yaratishimiz mumkin.

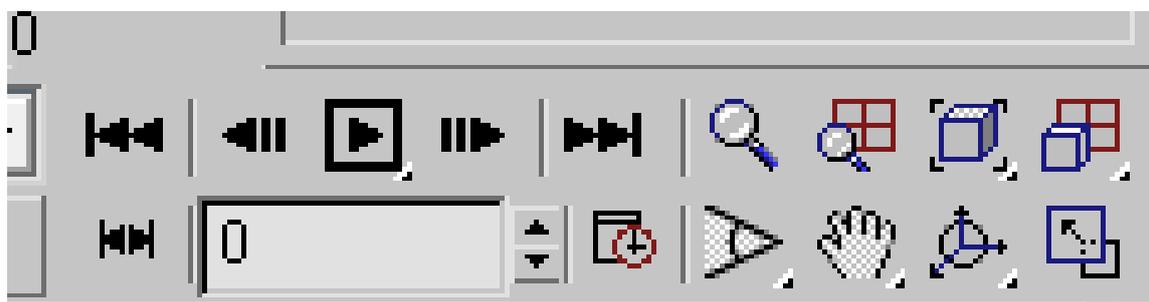
2.



Bu dasturning ro'yhati hisoblanadi. Bunda biz bajargan ishimizni har xil turda saqlashimiz, qabul qilishimiz va harakatlantirishimiz mumkin.

Bu oynada biz asosiy ishni bajaramiz, ya'ni, proyektni barpo etamiz. Natijasini ko'rishda shu oynadagini ko'rsatib beradi. Burchakdagi box esa burib ko'rish imkoni beradi.

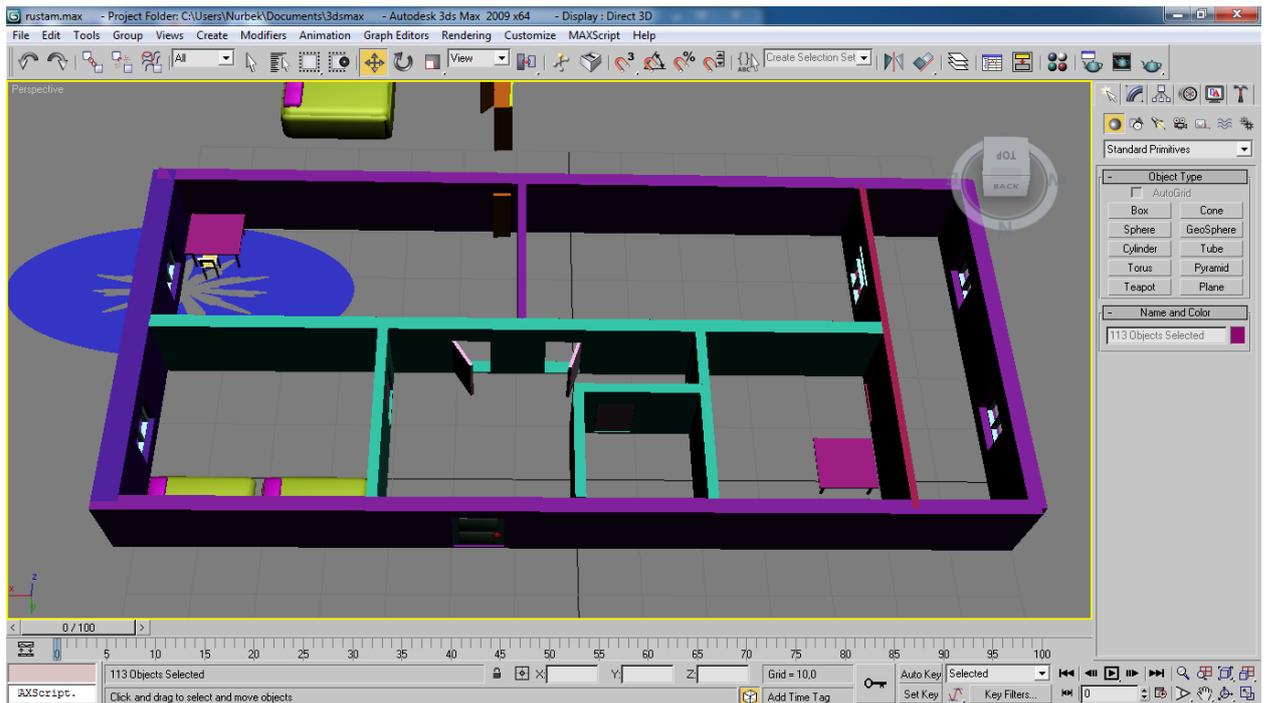
4.



Bu jarajonda biz proyektni uzoqlashtirish, yaqinlashtirish, ishimizni asosiy oyna qilishimiz, burish va ko'chirish imkoniyatlariga ega bo'lamiz.

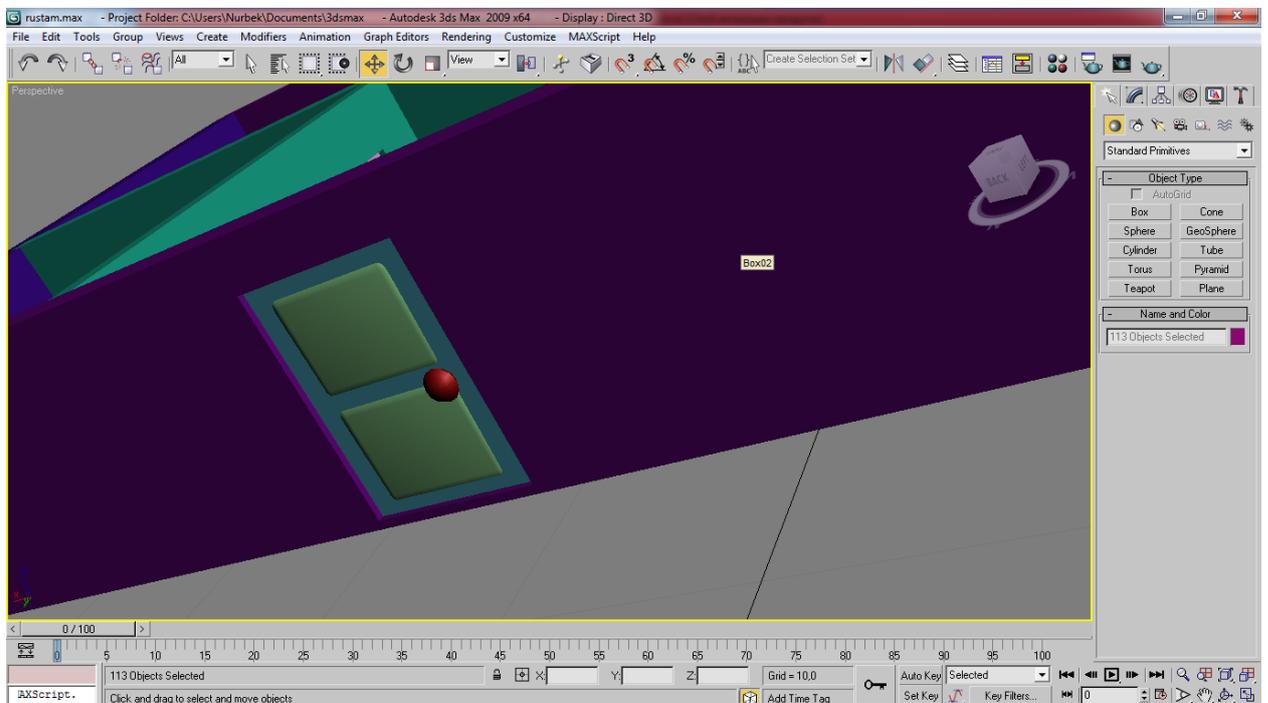
5

Zamonaviy uylar boshlang'ich shakli Uyning devorlari **Box** primitifdan 4ta shakil olinadi va ulardan devor xosil qilinadi



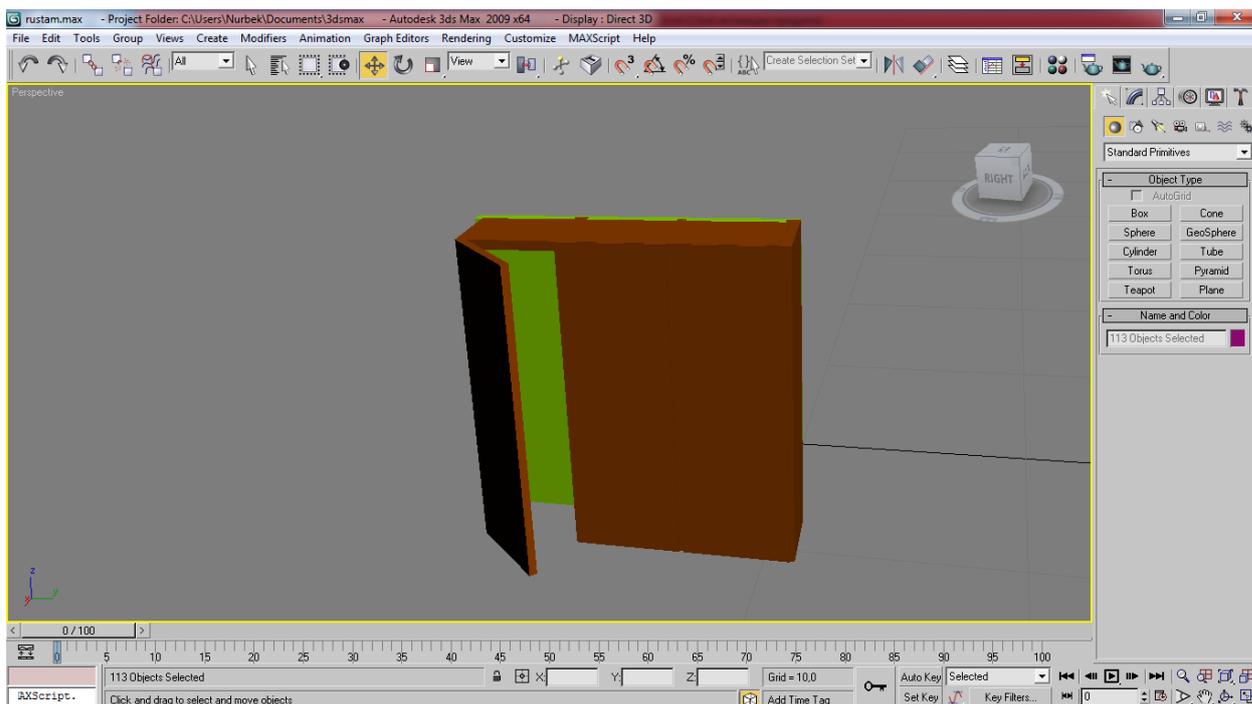
1 rasm

Eshik boxda yasaldi Extendet primitivsdagi Chamfon boxdan yasaldi.



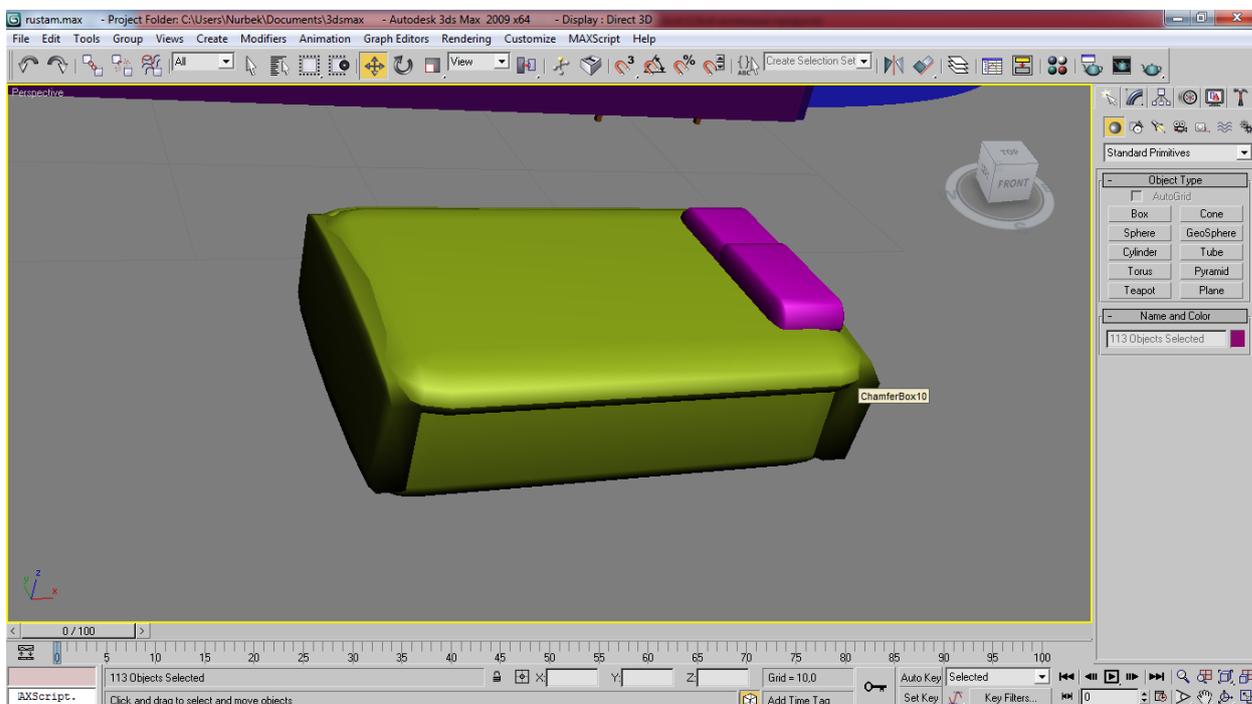
2 rasm

Shikaf boxdan yasaldi v oz joyiga qo'yildi.



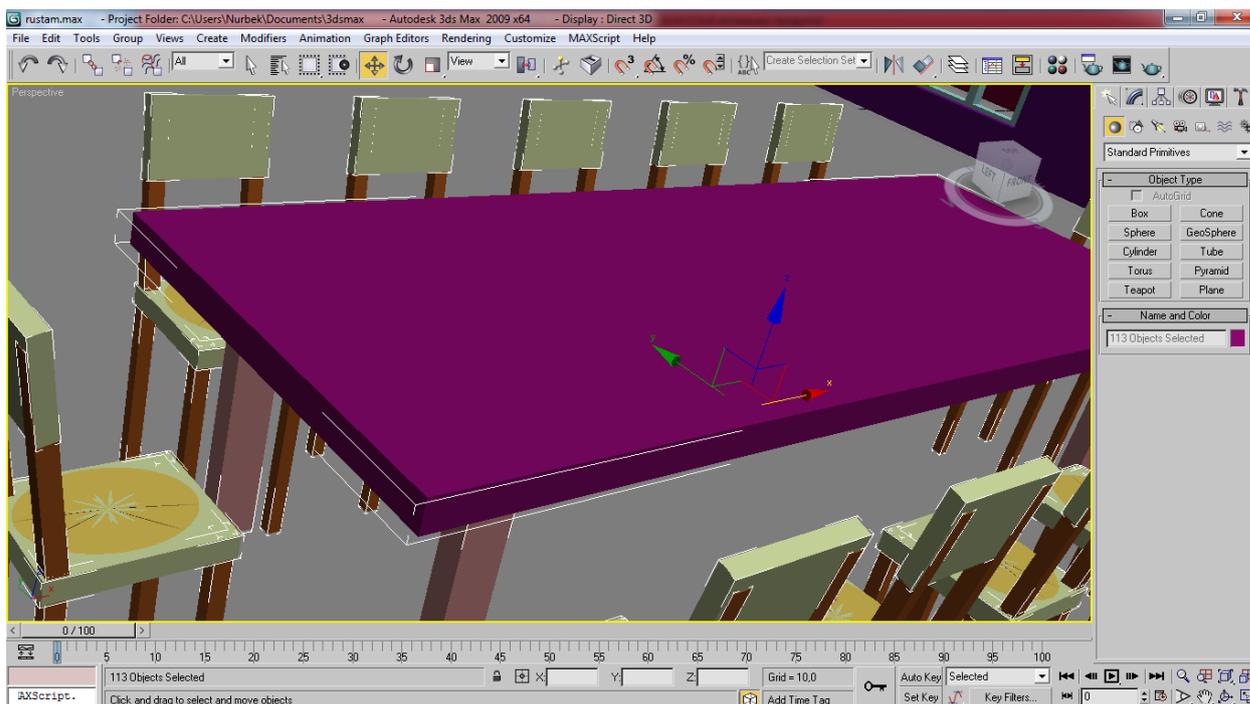
3 rasm

Divan Extendet orimitivsdagi Chafer box funksiyasi orqali yasaldi.



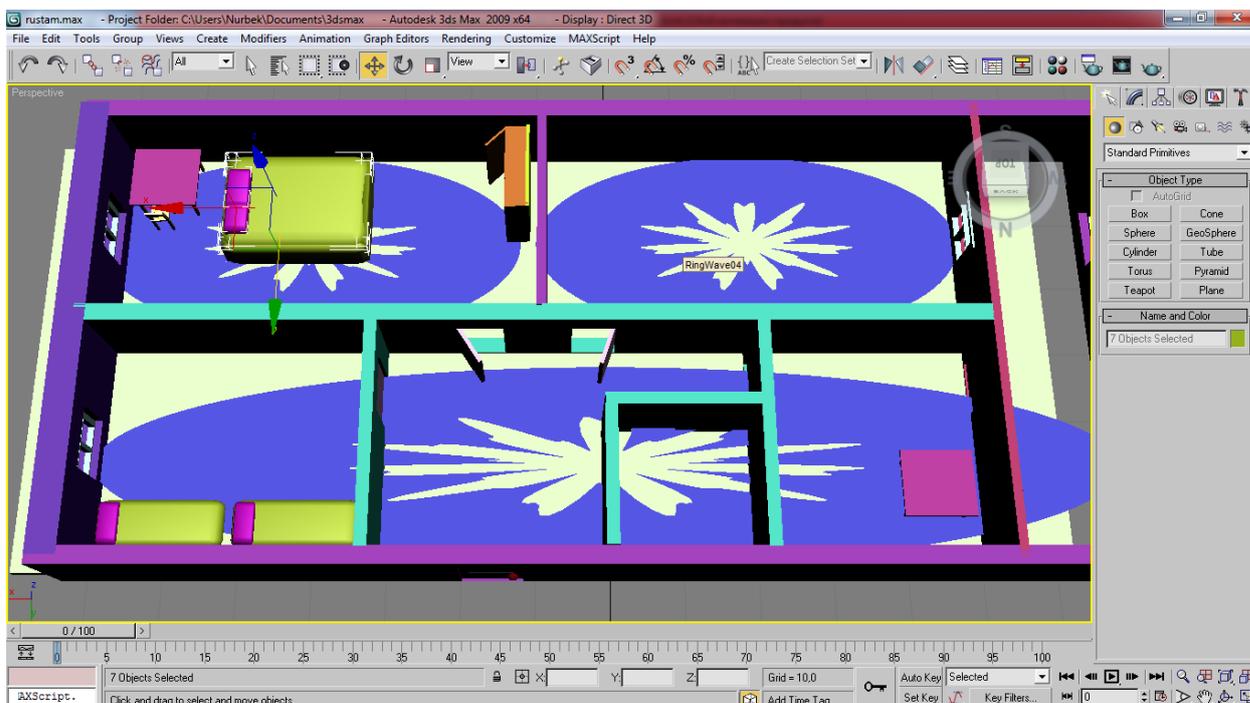
4 rasm

Stol stellar xammasi boxda yasaldi va o'z joyiga o'rnatildi.



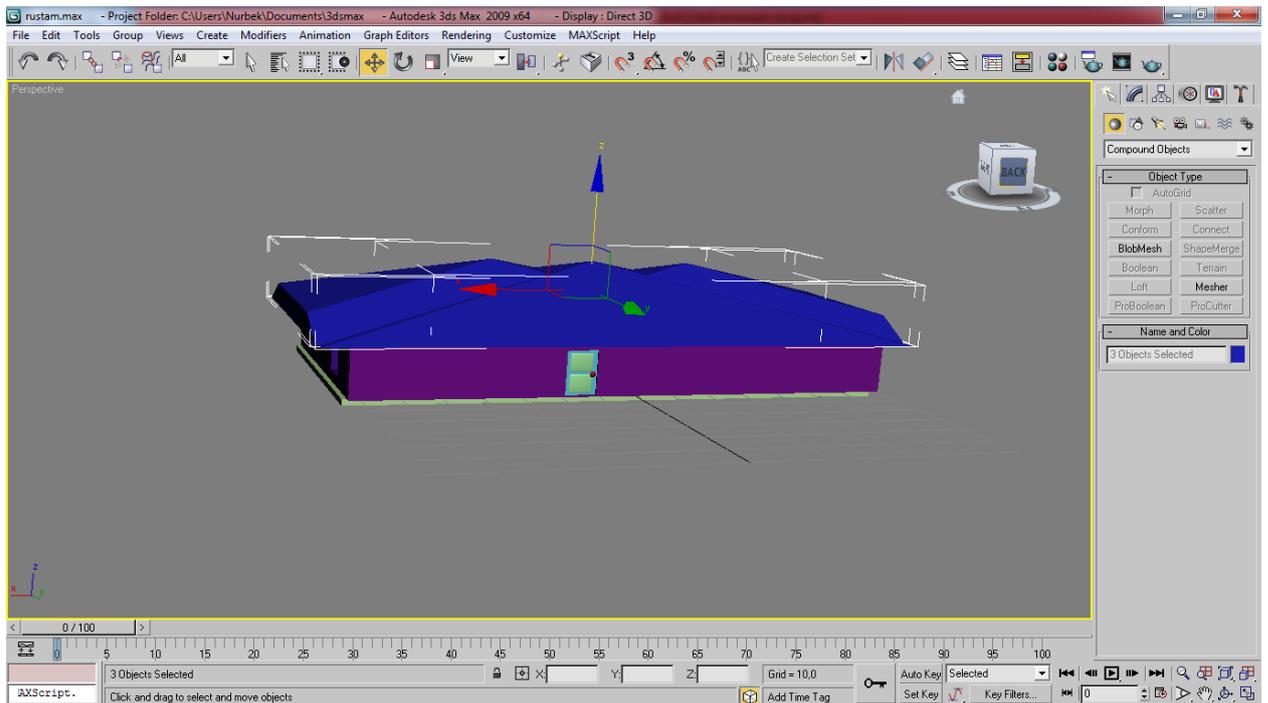
5 rasm

Devorgan Eshik va Deraza o'rnatish uchun devorni belgilab 1ta box chizib standart primitives ichidan Compound objectsdan Boolean, piks Boolean blan devor o'yiladi



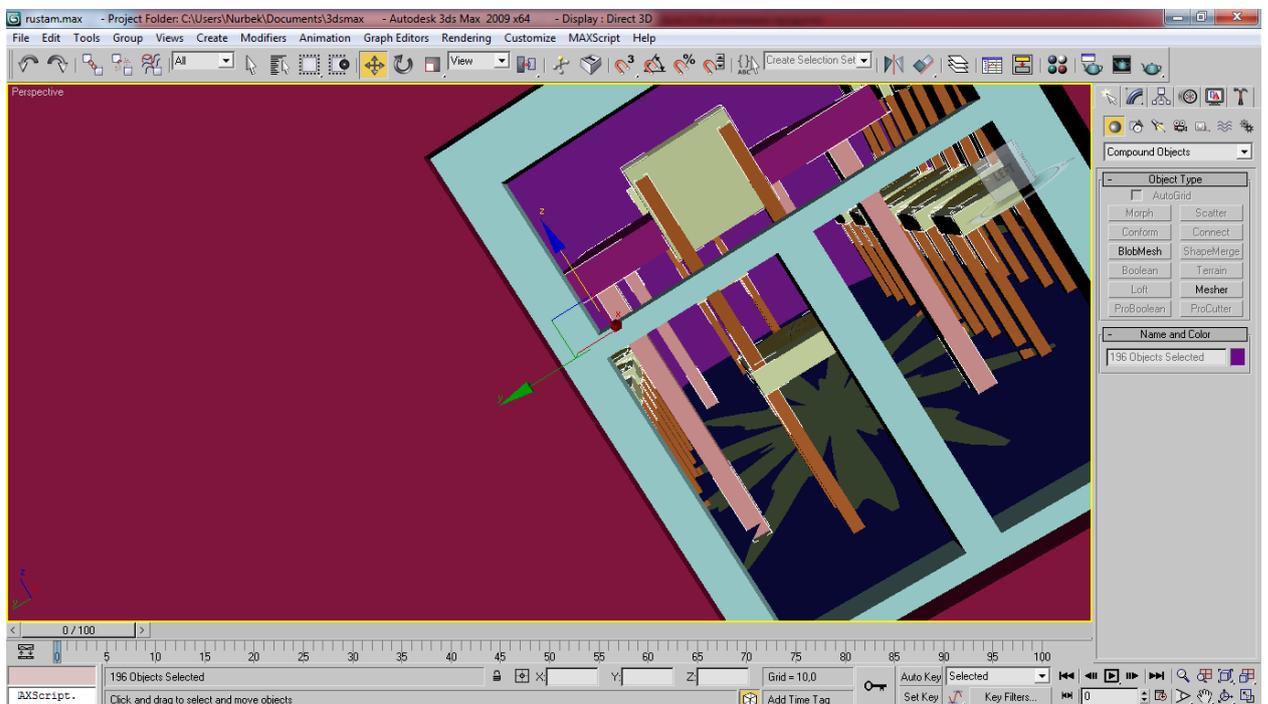
6 rasm

Binoning tomi standart primitiv funksiyasidagi pirameda funksiyasi orqali yasaldi.



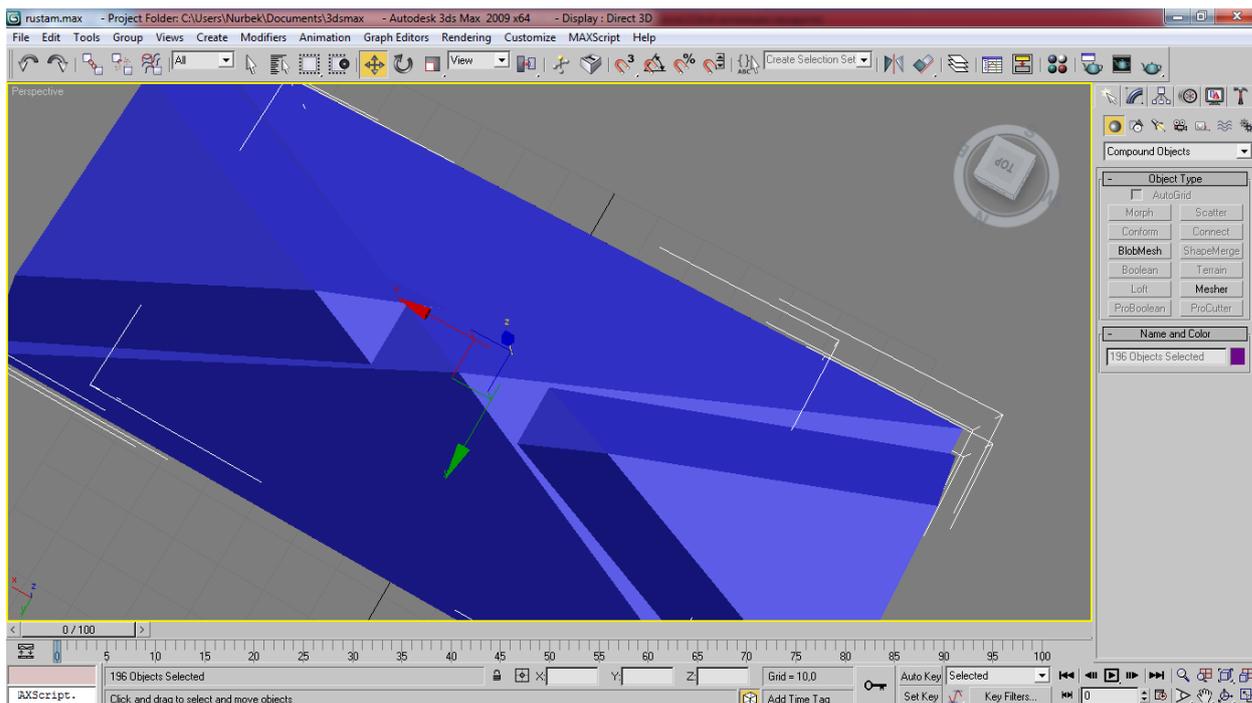
7 rasm

Biz hozir derazadan stol stullarni ko'rib turibmiz



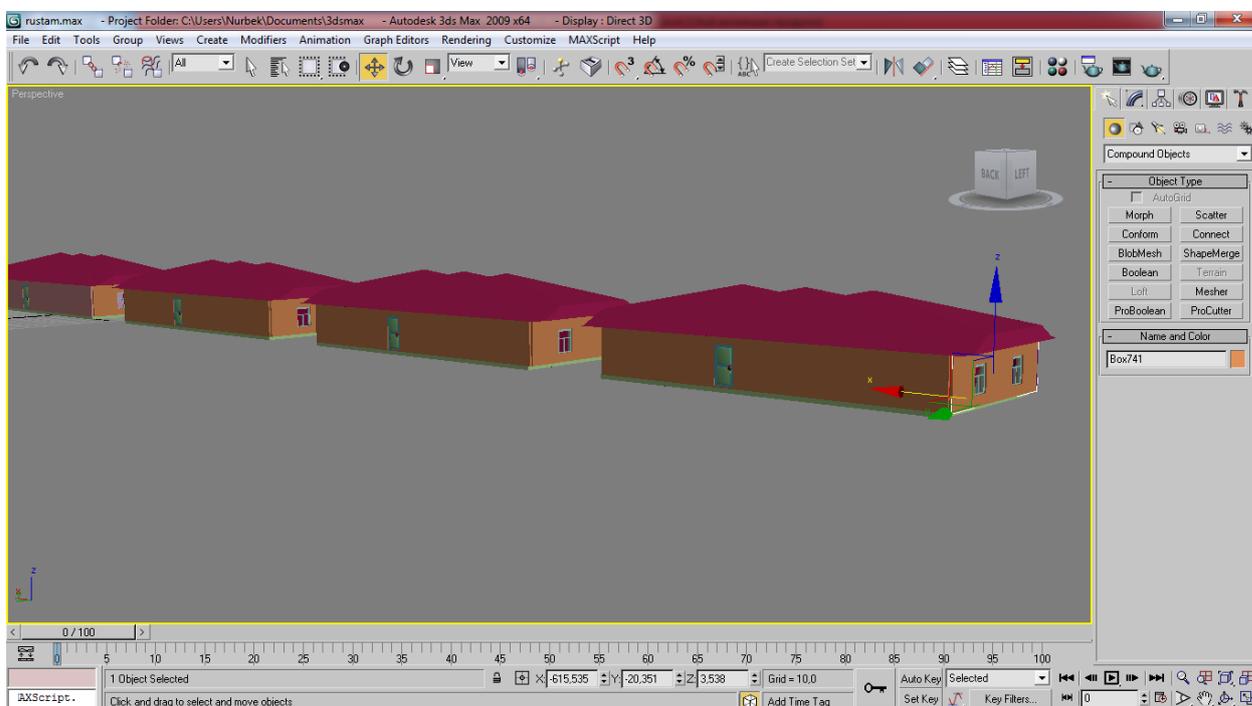
8 rasm

Binoning tom qismi uchtaga ko'payturilib yolari qirqib olindi.



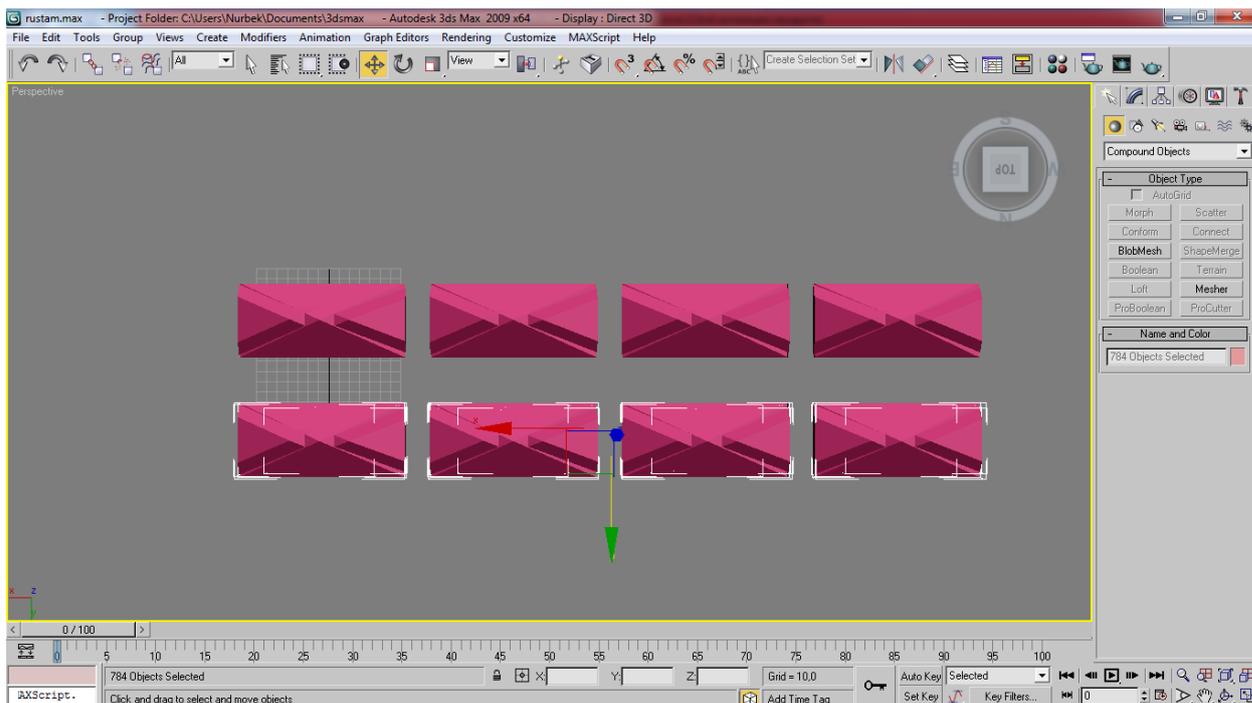
9 rasm

Birdona bino yasalgach shift bilan ko'paytiriladi



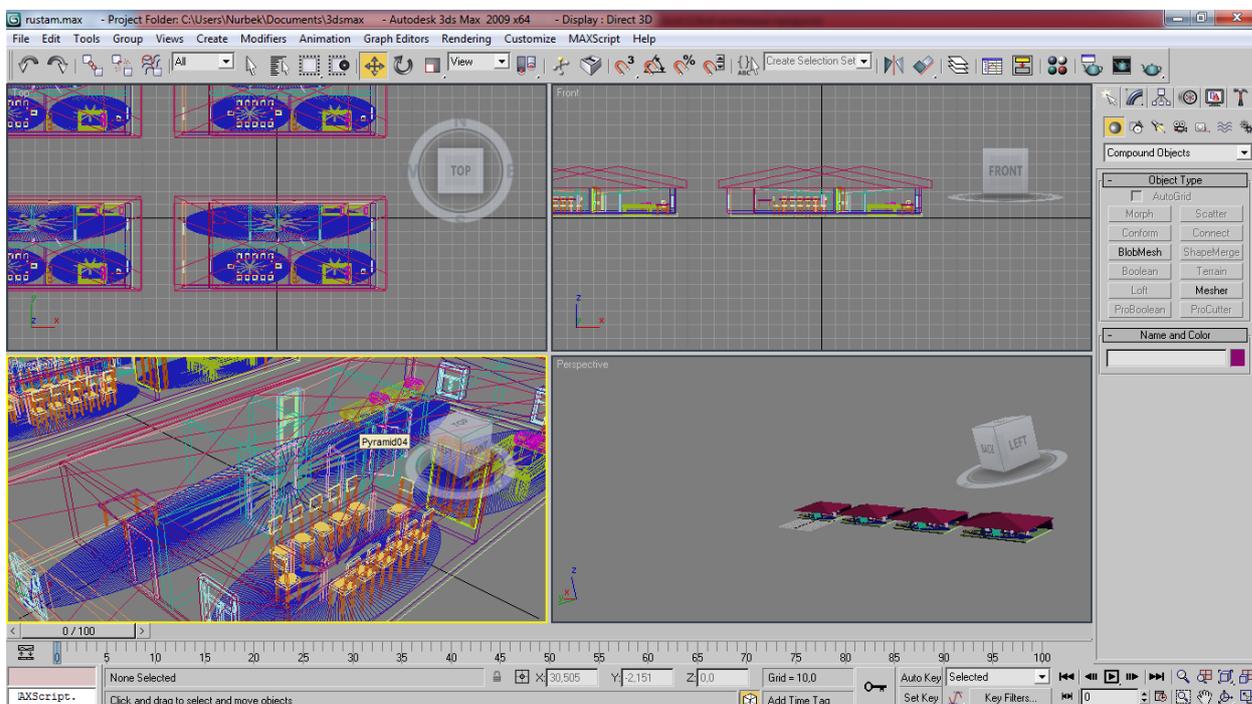
10 rasm

Tortta yonga so'ngra tortta oldinga ko'paytiriladi. Va topdan ko'rinishi.



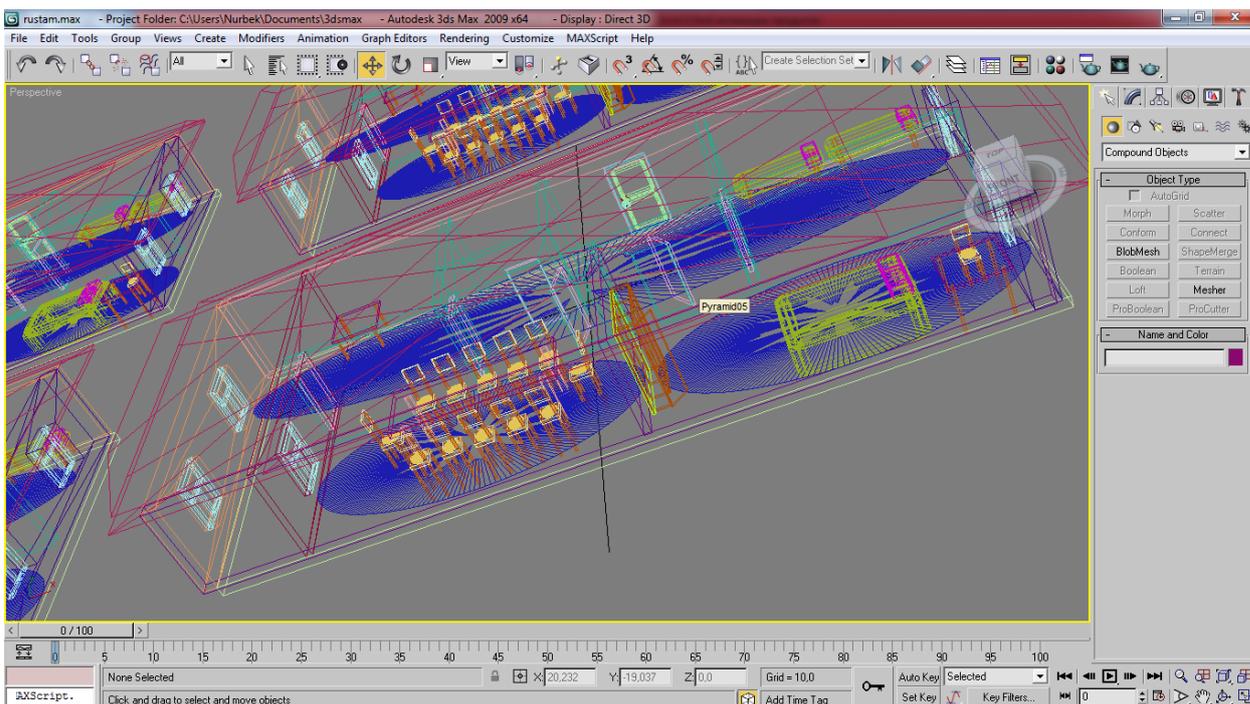
11 rasm

Buyerda bizga topdan va frontdan leftdan ko'rish mumkun.



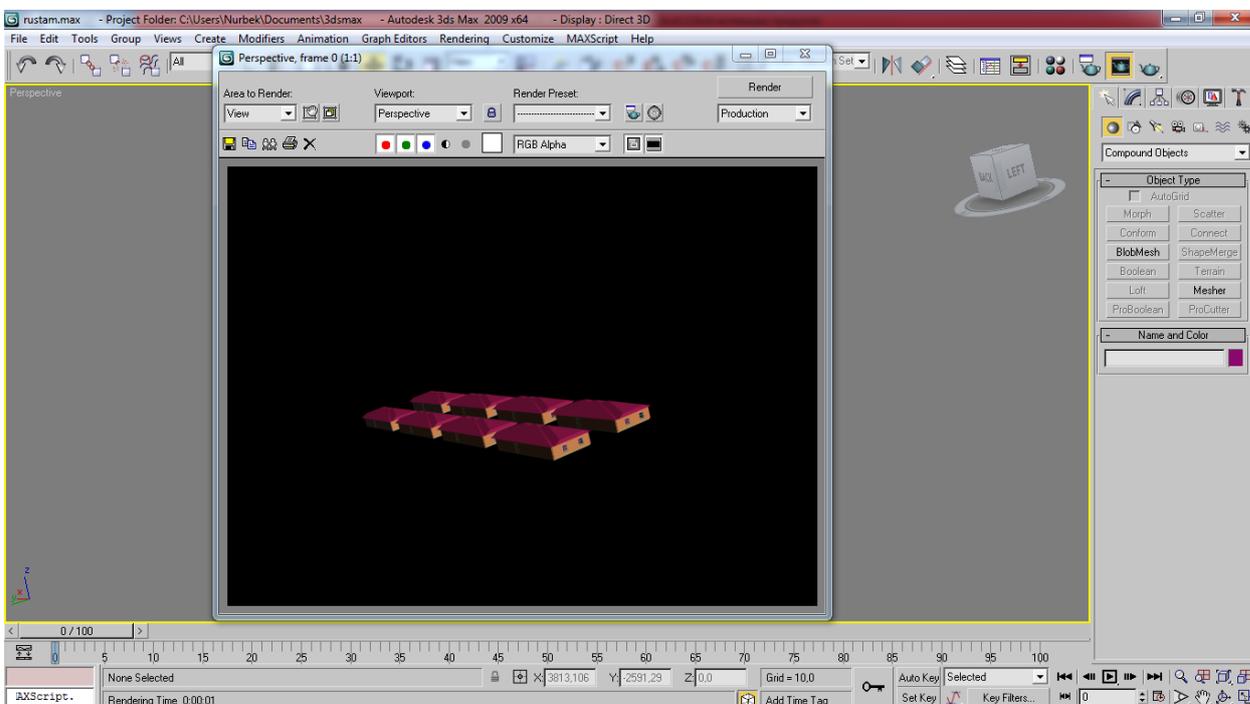
12 rasm

Prispiktivada sxema bo'lib korinishi



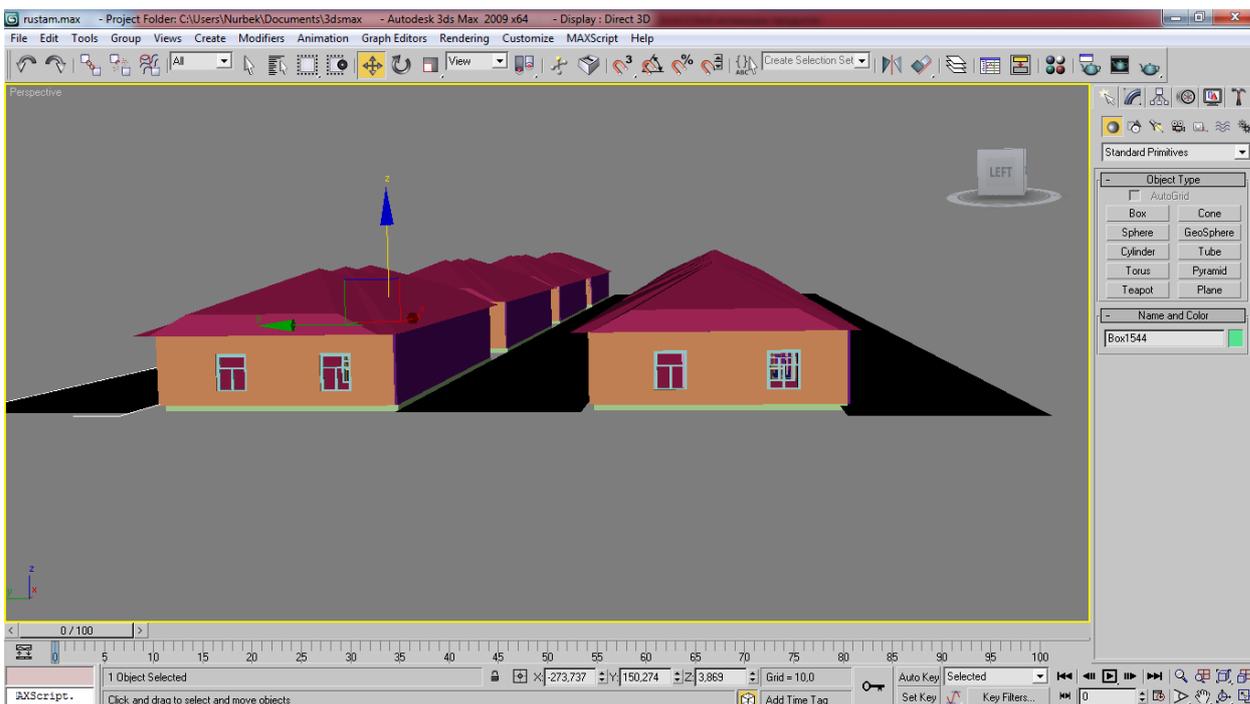
13 rasm

Binoni renderda ko'rinishi.



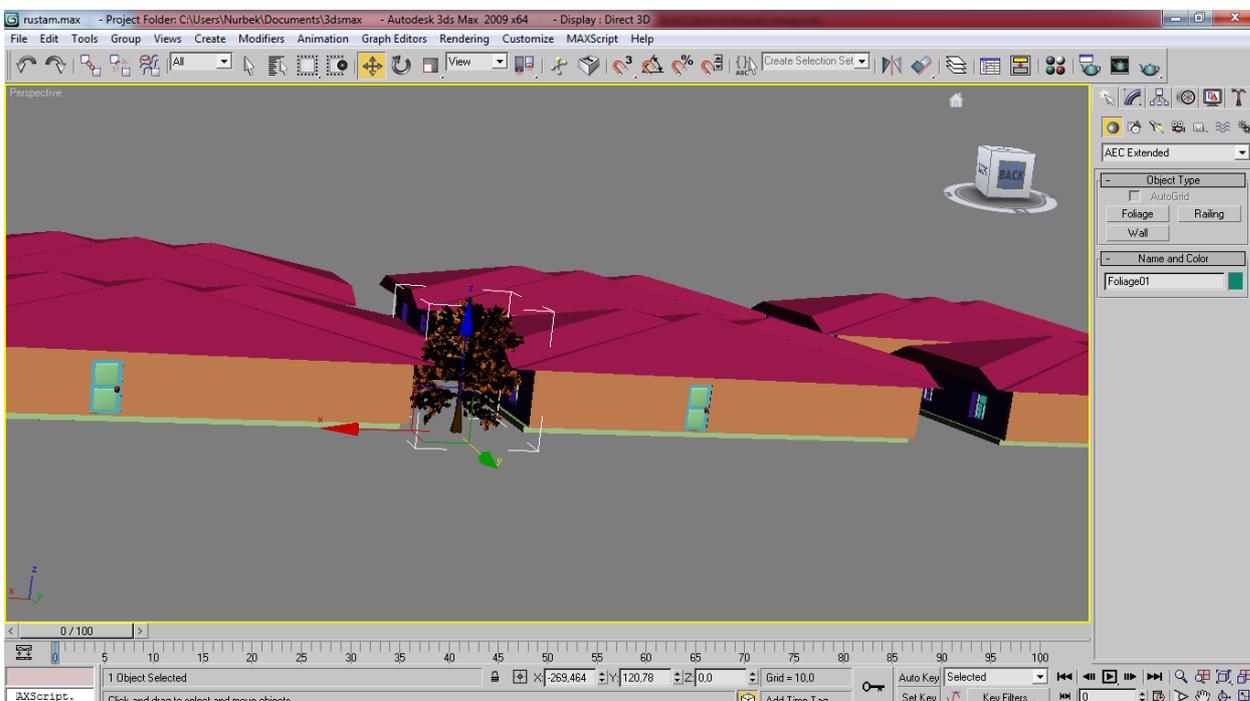
14 rasm

Liftdan ko'rinishi biz yo'laklarni boxdan yasadik.



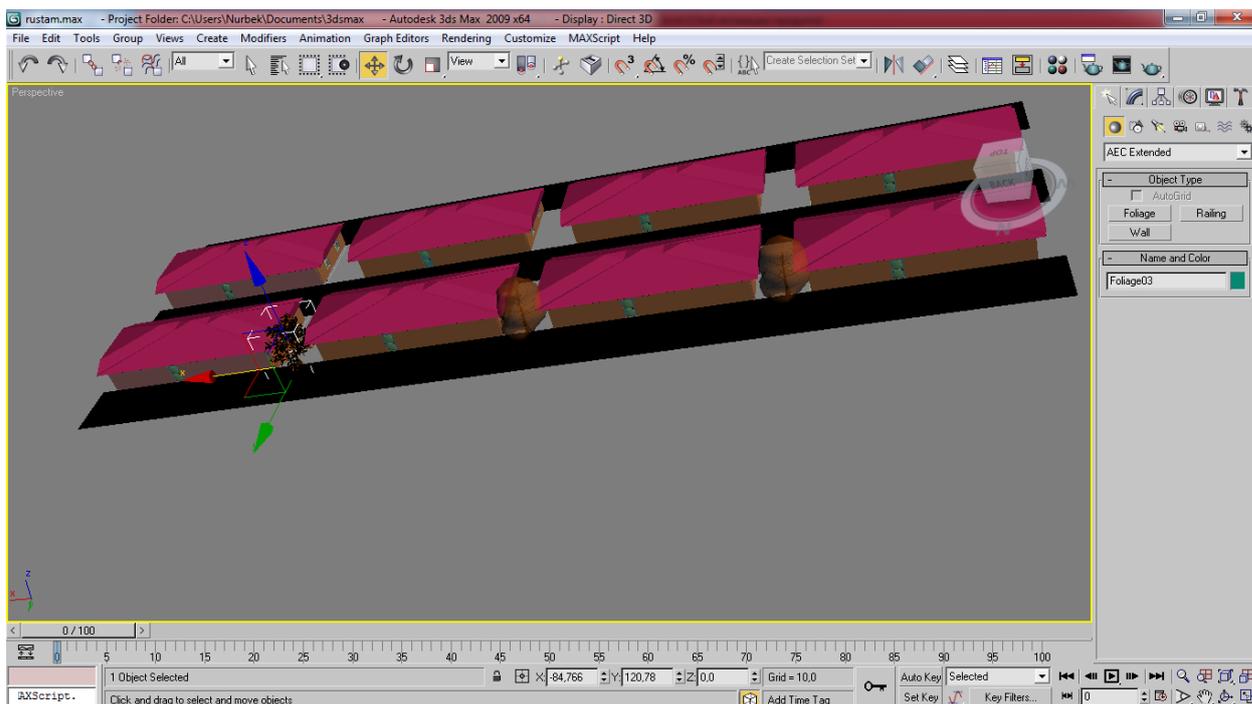
15 rasm

Binoning o'rtasiga biz daraxtni AEC Extendet funksiyasiga kirib Foliage funksiyasi orqali qo'yildi.



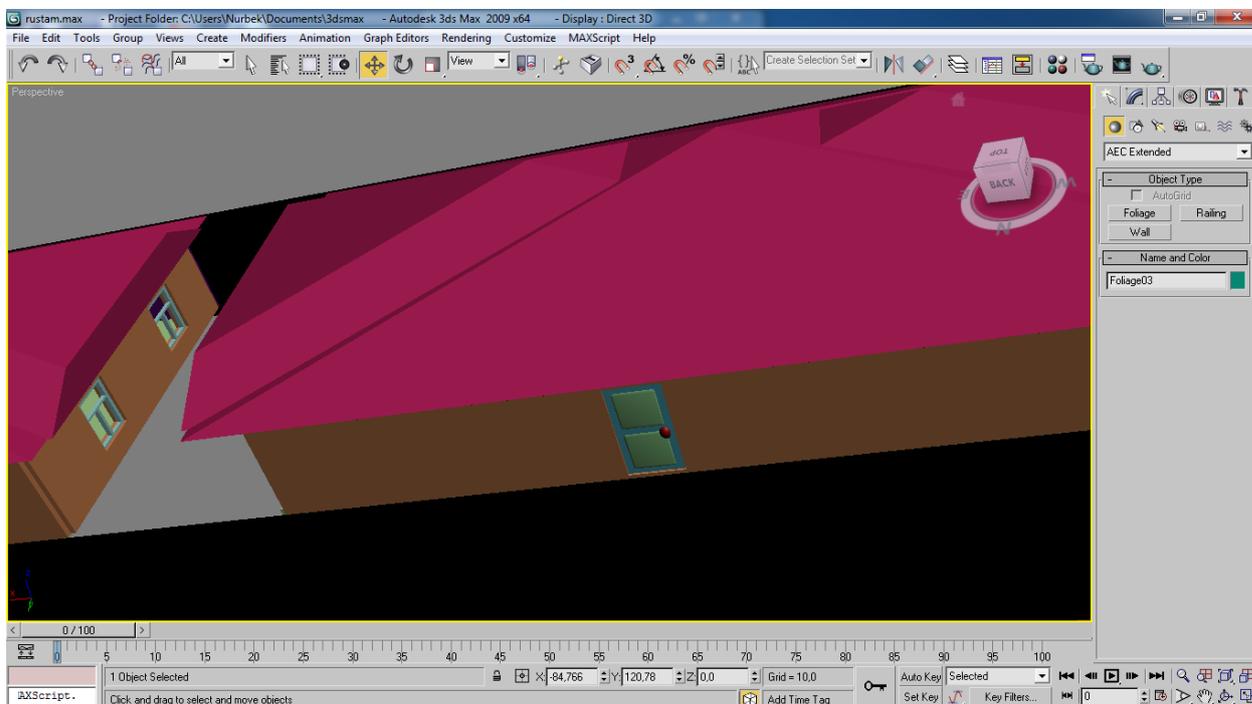
16 rasm

Daraxtlar shift orqali ko'paytiriladi va o'z joyiga o'rnatiladi.



17 rasm

Binoning oxirgi ko'rinishi.



XULOSA

Men bu ishini bajarish jarayonida 3D Max dasturini o'rnatishni, undagi parametrlarini sozlashni, shuningdek o'rnatish jarayonida yuzaga keladigan muammolarni bartaraf qilish va ko'nikmalar hosil qilish. Box line komponentalarini buyuruqlarini mukamal o'rganib chiqtim mening bu kurs ishim hozir qurulayotgan zamonaviy uylar turarjoylarni qurishda

Kerak bo'ladi va xizmat qiladi. Bu kurs loyiha ishimni ustida qayta ishlab yanada yangi zamonaviy ko'p qavatli binolarni loyihalashtiraman va odamlar uchun yashashga qulay turar joy binolari va bundan tashqari boshqa bir obyektlar ustida ishlar olib boraman. Men o'ylamanki bu ishda ozgina bo'lsa ham qurilish arxitekturasiga o'z hissasini qo'shadi deb o'ylayman.

