

# Foundation kursi

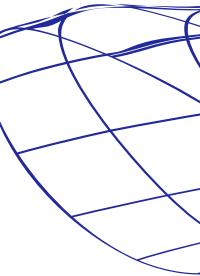
Mentor: Jamshidbek Kobilov

# O'zim haqimda

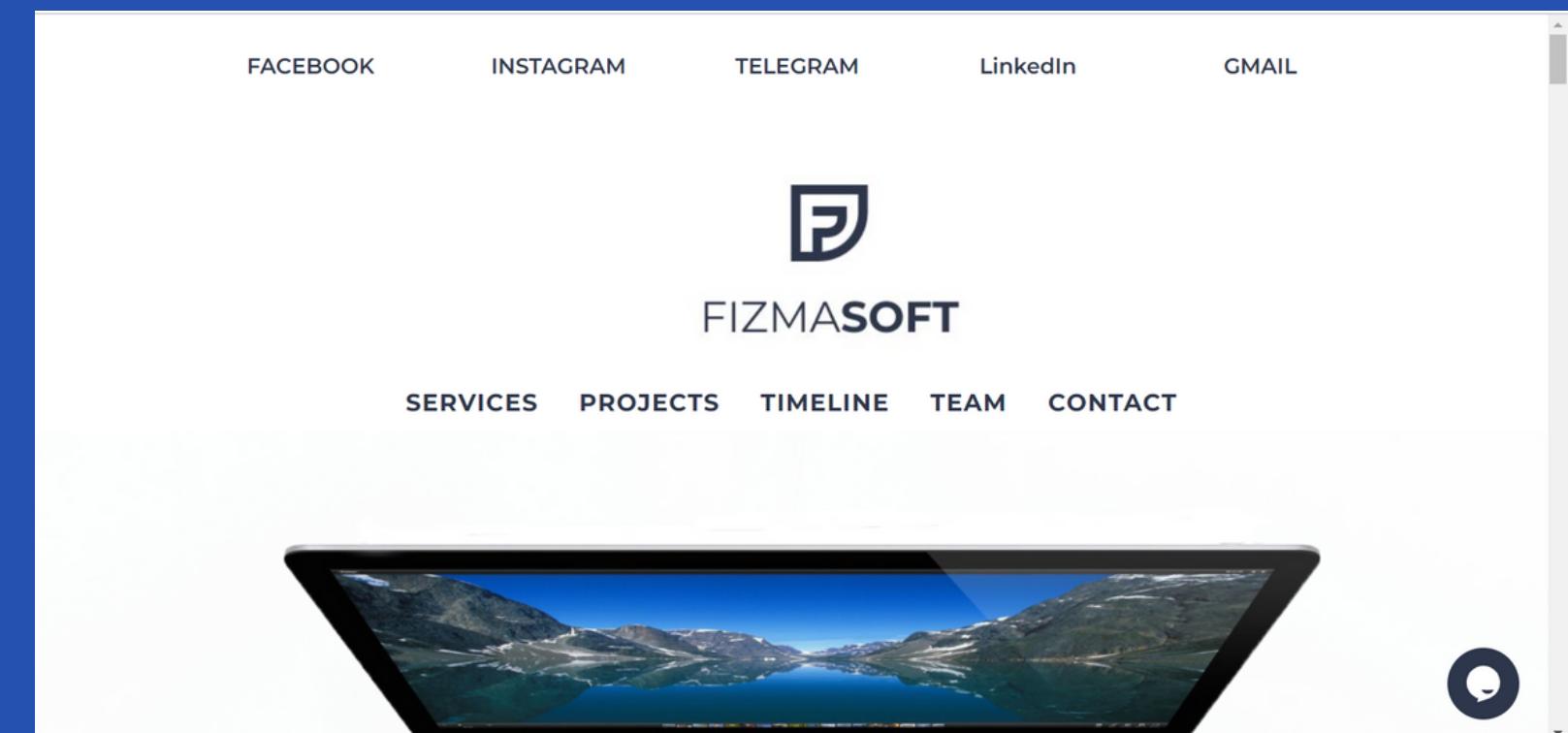
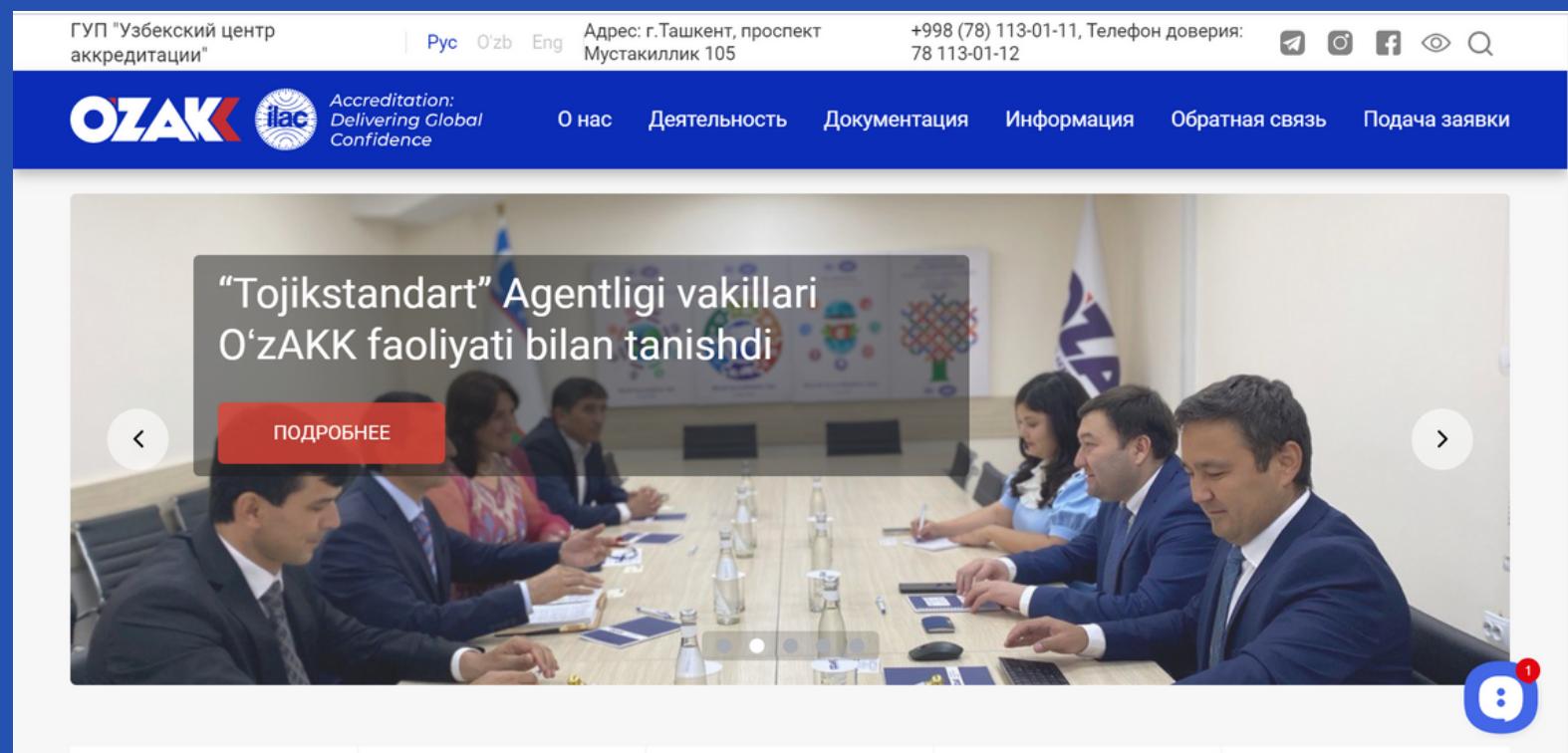
JAMSHIDBEK KOBILOV



1. Akkred.uz, Fizmasoft, voxe.tv, Chowis
2. Frontend Developer Middle
3. Ish tajriba: 2 +
4. Inha University in Tashkent
5. Mail: jamshidbekkobilov2002@gmail.com
6. O'quvchilar: 100+ students, 10+ groups



## ● Projects of Teacher

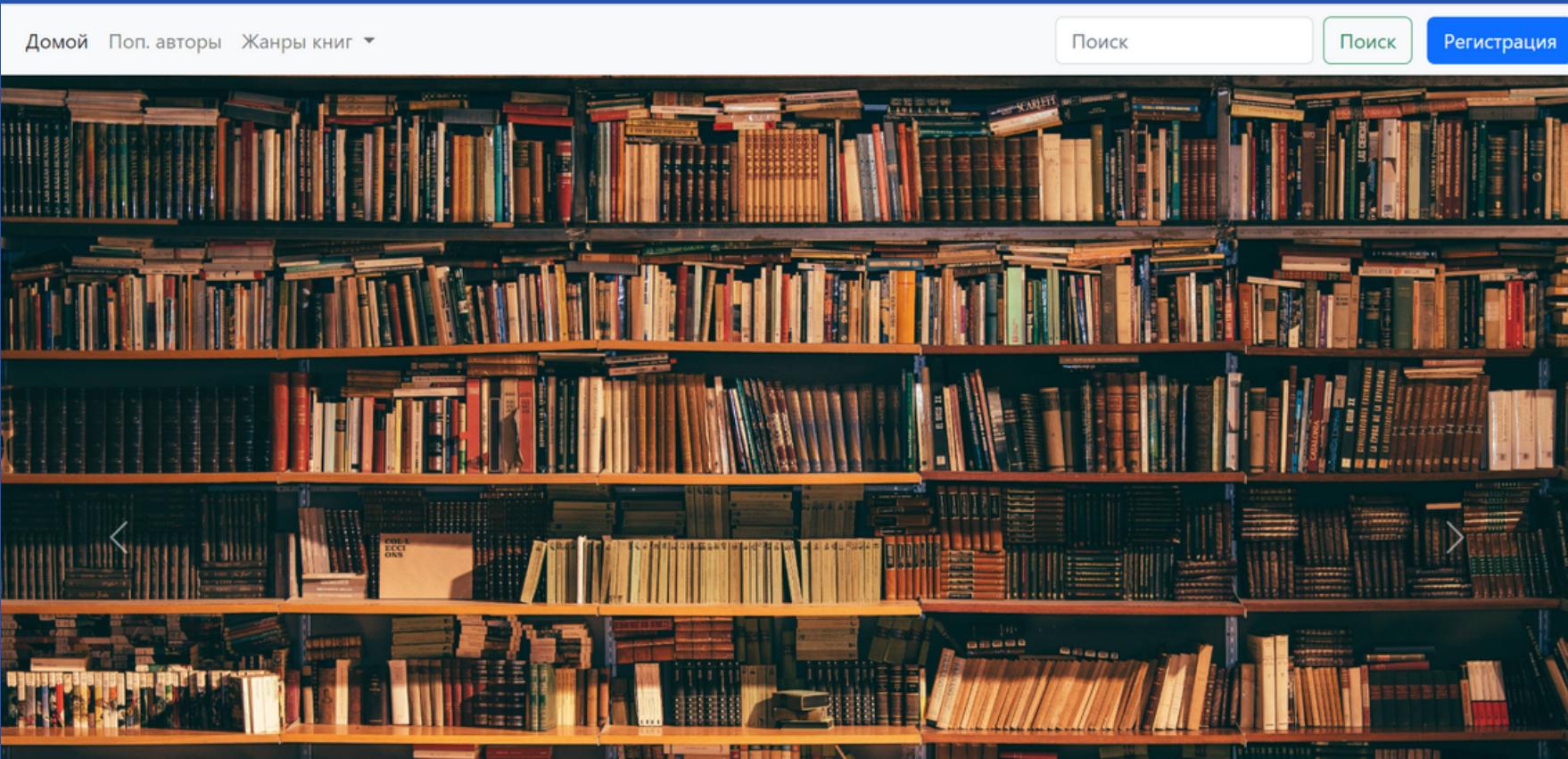


The screenshot shows the e-accreditation system interface. The left sidebar includes sections for "E-accreditation test", "Dashboard", "Arizalar", "Yangilar" (selected), "Ekspertiza", "Baholash", "Akkreditasiya komissiyasiga ...", "Ijrochilar bo'limi", and "Akkrreditatsiya komissiyasi bo'li...". The main area displays a table titled "KO'RIB CHIQISH UCHUN BARCHA ARIZALAR" with columns for "#", "Nomer", "Yuridik shaxsnинг to'liq nomi", "Manzili", "Pochta", "Status", and "Qolgan kun". The table lists four applications:

#	Nomer	Yuridik shaxsnинг to'liq nomi	Manzili	Pochta	Status	Qolgan kun
563	<a href="#">AK-21</a>	ДИО ДЕФЕКТОСКОП ХК Путур етказмасдан текшириш лабораторияси	КАШКАДАРЬИНСКАЯ ОБЛАСТЬ, ГОРОД КАРШИ, УЛ. ЯНГИКЕНТ Д. 19	diodefektoskop@gmail.com	<a href="#">Ro'yhatga olish</a>	0
551	<a href="#">AK-143-21</a>	PUTUR YETKAZMASDAN TEXNIK NAZORAT QILISH LABORATORIYASI MCHJ	Toshkent shahri, Yashnobod tumani, Farg'onha yo'lli ko'chasi, 23	lnk707@mail.ru	<a href="#">Ijrochini tanlash</a>	-96
549	<a href="#">AK-142-21</a>	NAVOIY KON-METALLURGIYA KOMBINATI AJ	Zarafshon shaxar “Bessopan” sanoat maydoni	mail-cmb@ngmk.uz	<a href="#">Ijrochini tanlash</a>	-96
548	<a href="#">AK-135-21</a>	TEST SERTIFICATION ENTERPRISE MCHJ	Toshkent shahar, Шайхонтохур tumani, Ибн-Сино мавзеси, 2	testsertificationenterprise@mail.ru	<a href="#">Ijrochini tanlash</a>	-97

The screenshot shows the VOXEL movie streaming platform. The top navigation bar includes links for "Фильмы", "Сериалы", "Мультфильмы", "Megogo", "Amediateka", and "O'zbek tilida". The main content area features a large movie poster for "Мэри Поппинс возвращается" (Mary Poppins Returns). The poster shows a golden hexagonal frame with the number "6+" in the center. Below the poster are buttons for "Смотреть сейчас" (Watch now) and a bookmark icon. Smaller movie thumbnails for "TB", "NATIONAL GEOGRAPHIC", "NAT GEO", and "Сериалы" are visible at the bottom.

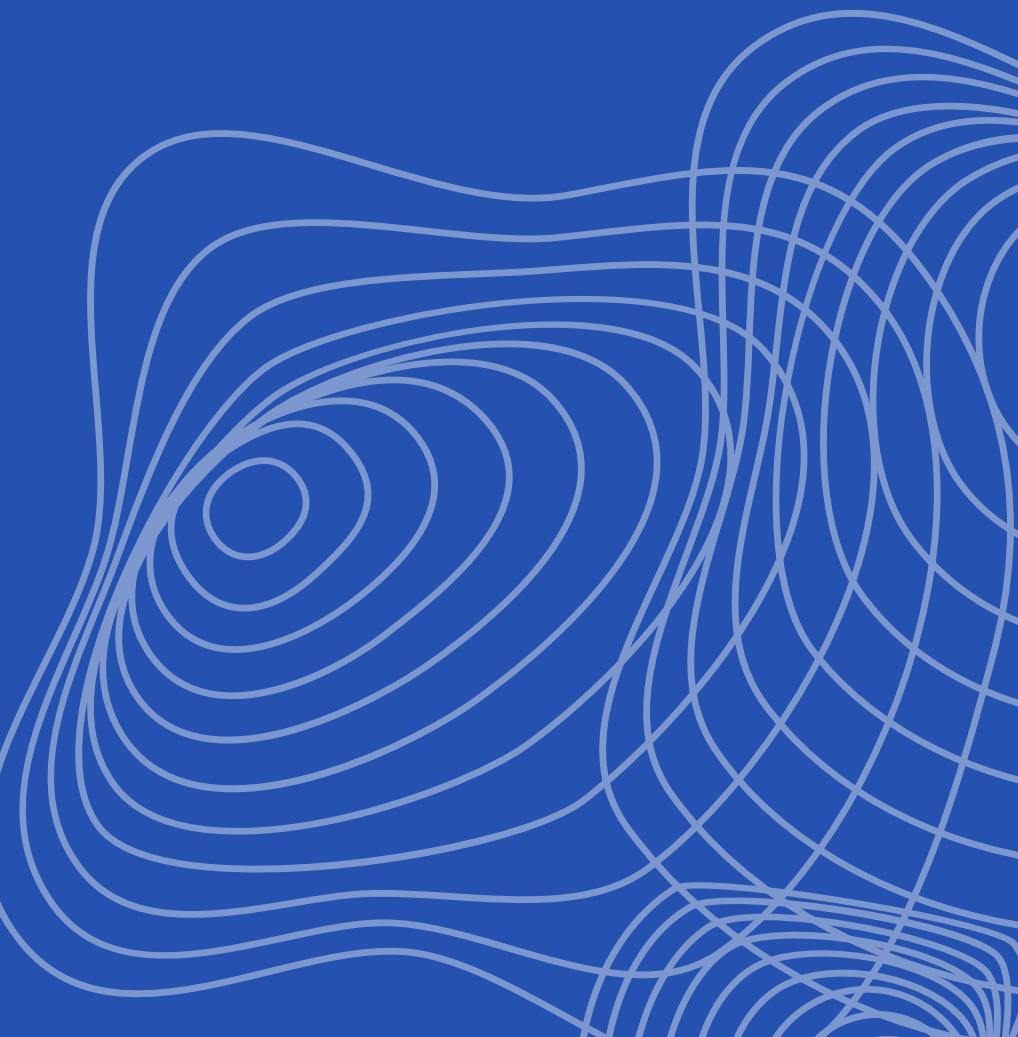
- Projects of Students:



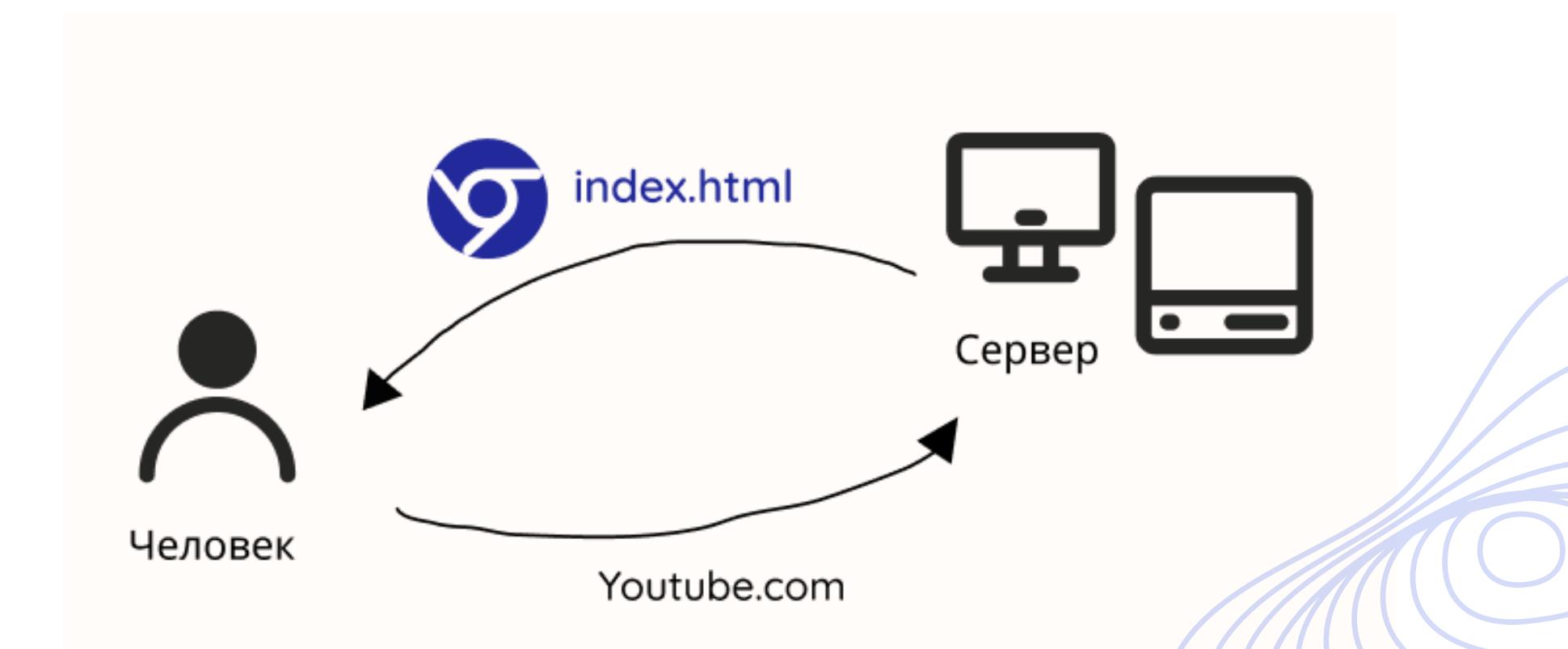
A screenshot of an e-commerce website. At the top center, it says "Popular products". Below this are four product cards. The first card shows a black Yeezy Boost 380 sneaker with the text "YEEZY BOOST 380", "ADIDAS", "230\$", and a "BUY" button. The second card shows a white Yeezy Boost 380 White sneaker with the text "YEEZY BOOST 380 WHITE", "ADIDAS", "1.411\$", and a "BUY" button. The third card shows a grey Air Nike sneaker with the text "AIR NIKE", "NIKE", "11.545\$", and a "BUY" button. The fourth card shows a red jacket with a zipper. The background of the page is light beige.

# IT Nima ???

- IT - Ma'lumotlarni saqlash, yetkazish, qayta ishlash, almashish texnologiyasi
- Hozir kunda IT...
- Oldin IT...
- IT produktlar:
  - saytlar(web),
  - ilovalar(app),
  - kompyuter(desktop) uchun



# Oldingi IT va Hozirgi IT

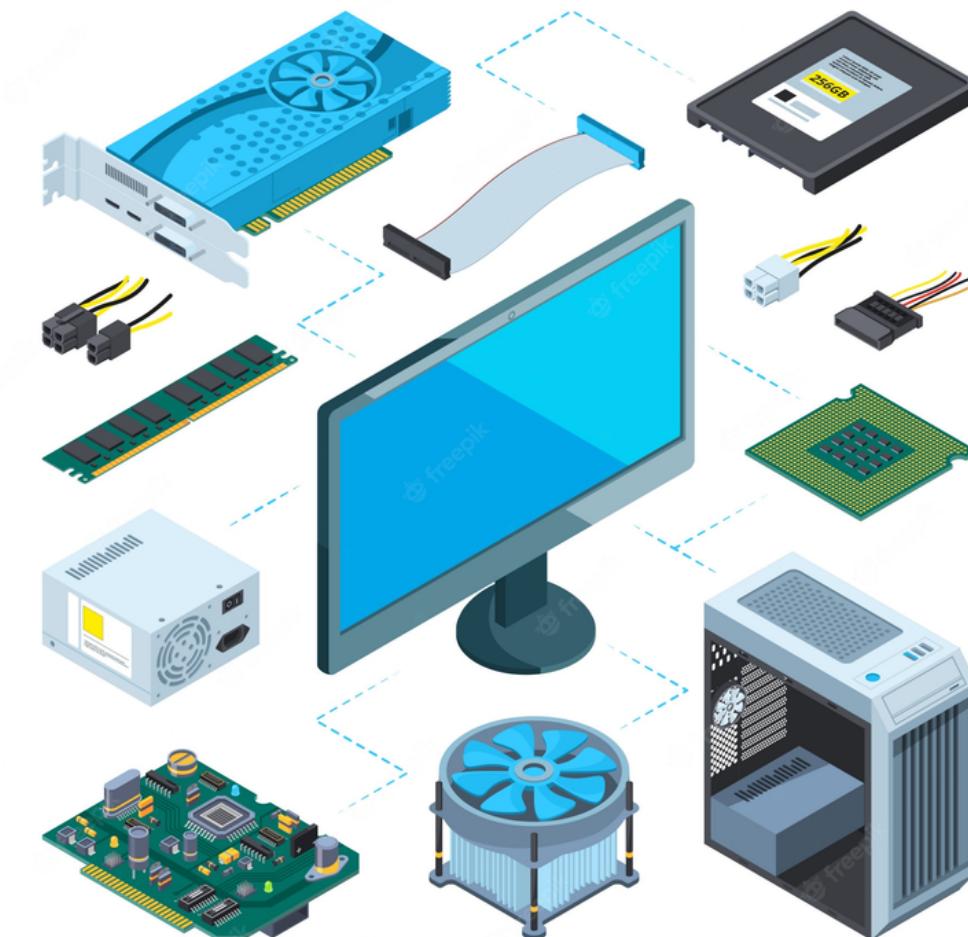


# Software & Hardware

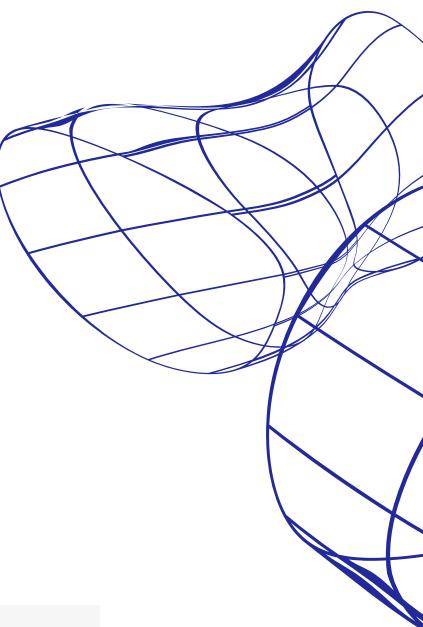
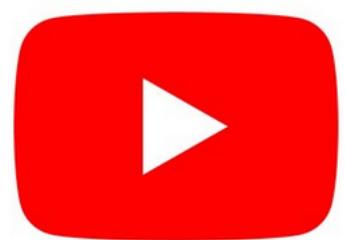
- Qurilma ichidagi ilova



- Qurilmaning o'zi



# Batafsil



# IT yo'nalishlari

- iOS



- Android



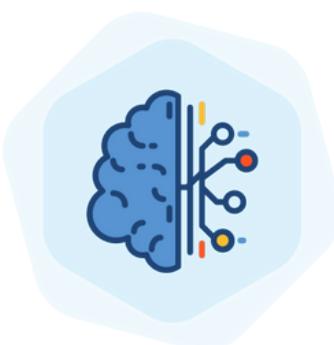
- WEB



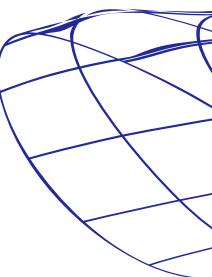
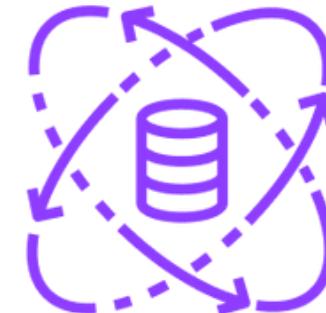
- Desktop



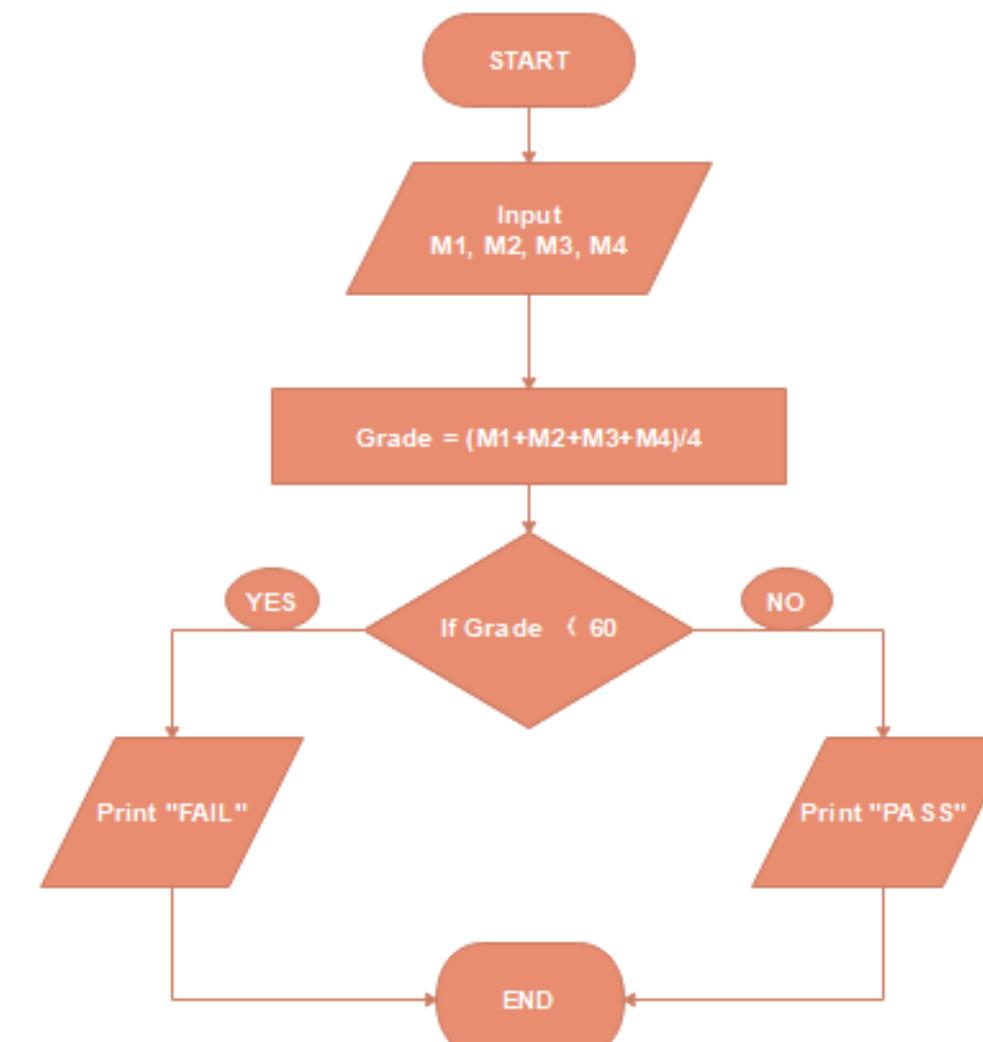
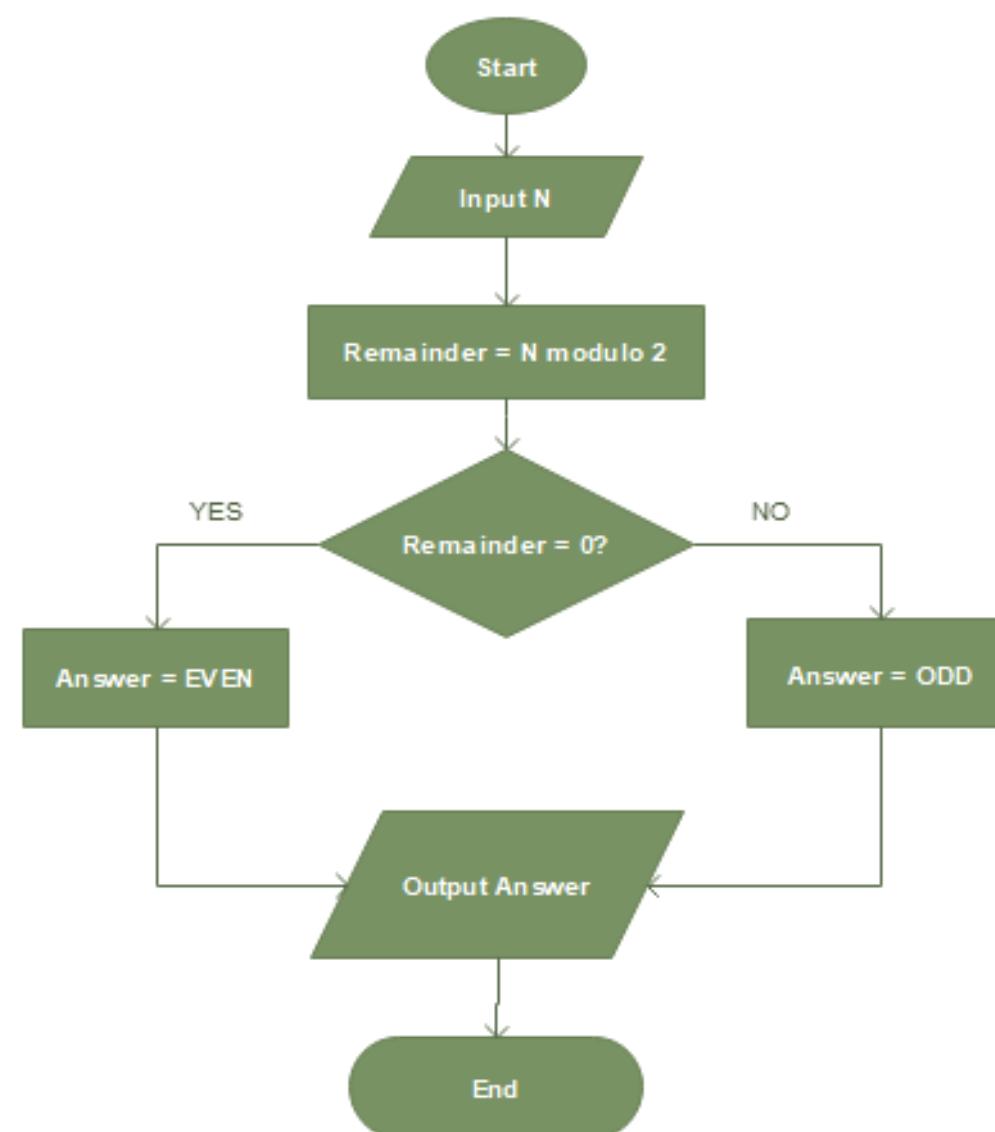
- AI



- Data science



# Algorithms



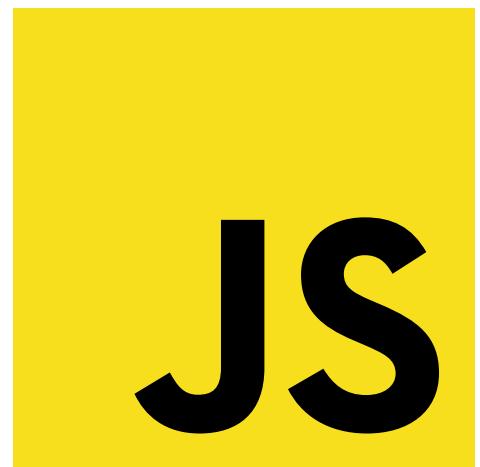
# Dasturlash tillari haqida



# Javascript



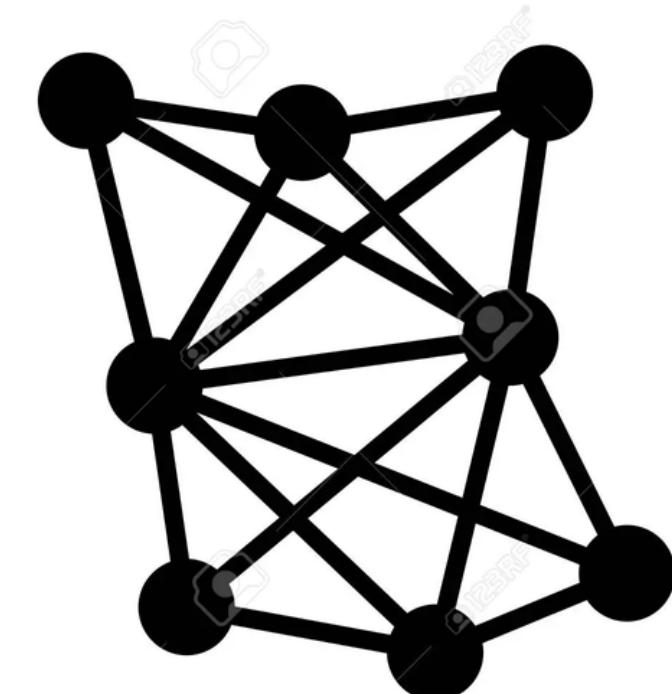
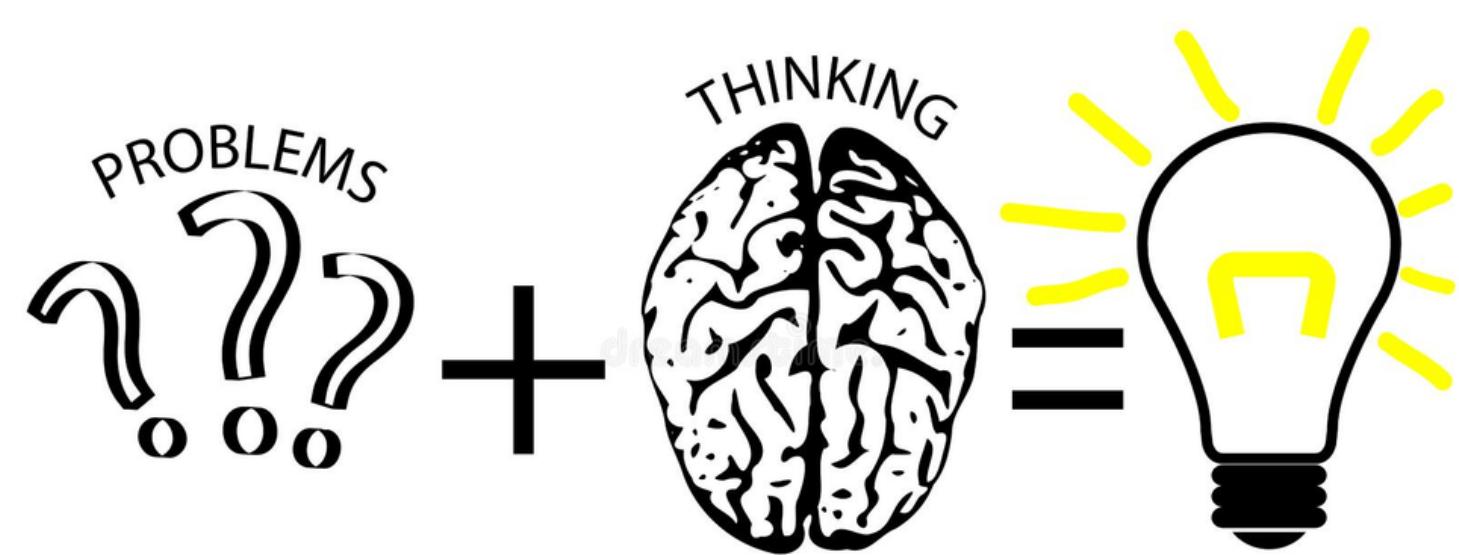
# Foundationda nimalarni o'rganamiz?



JavaScript



Scratch



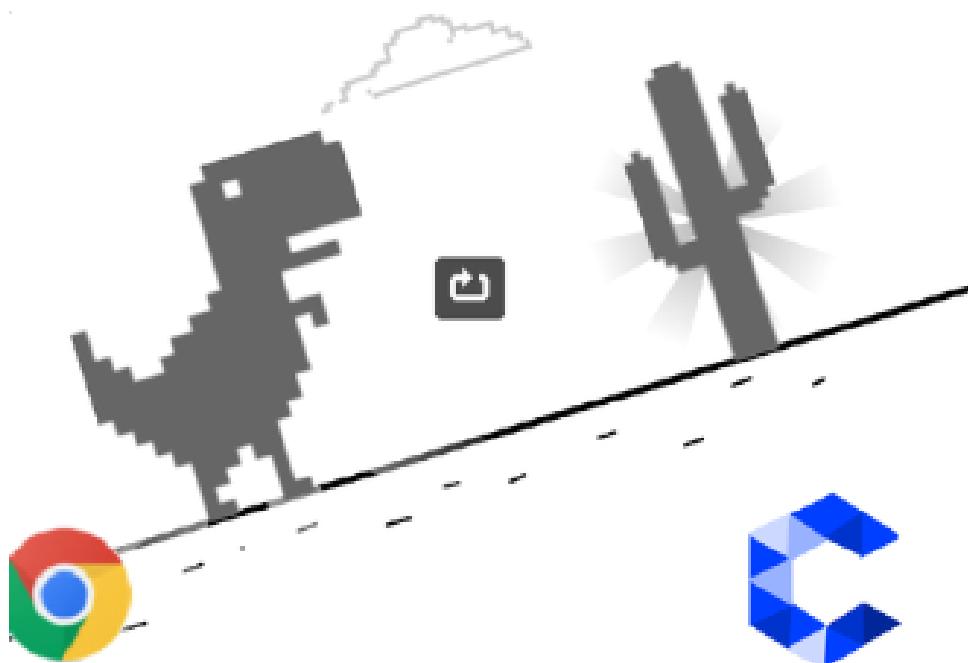
Algorithms

Muammolarga yechim topish

# Practice Part

03

Dino game:



02

JavaScriptda  
o'zgaruvchi  
yaratish

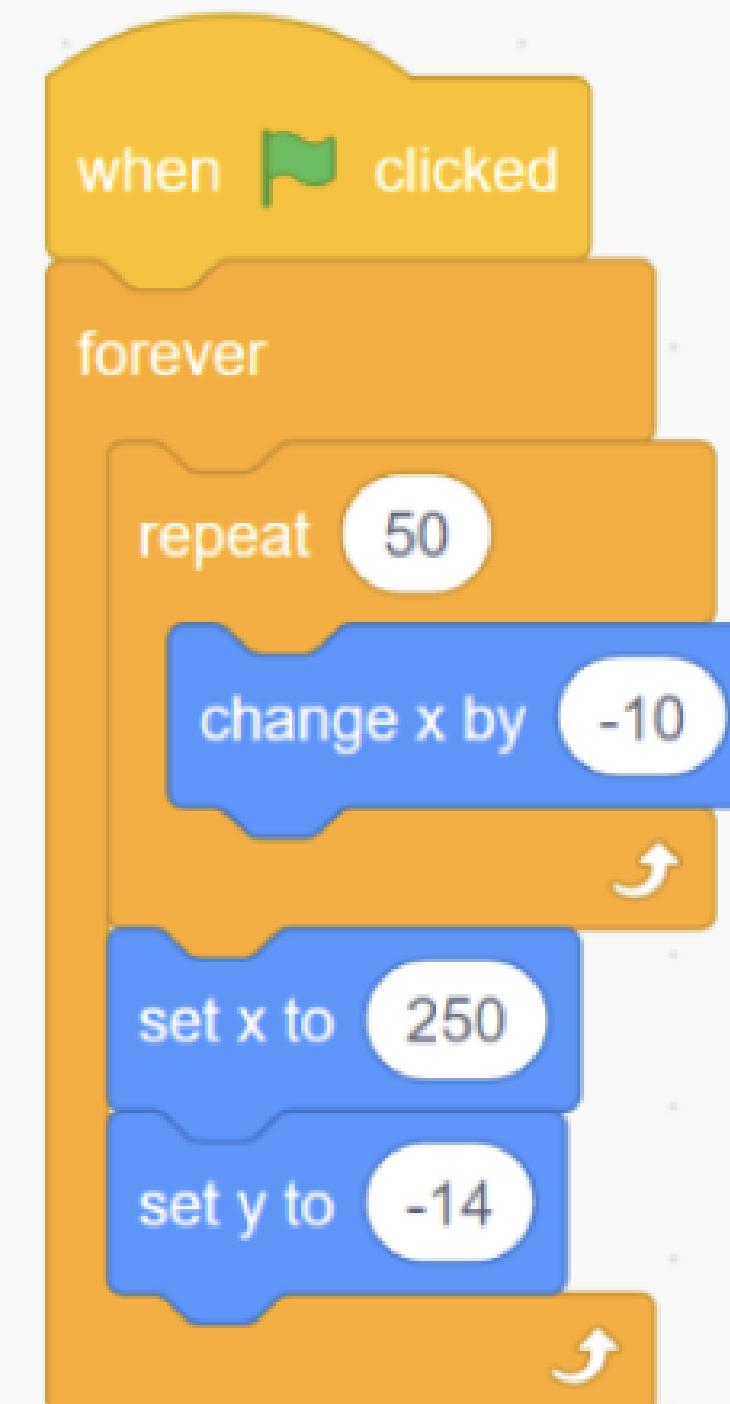
variable identifier  
`var name = 'James Bond';`

start with assignment operator value End of the statement

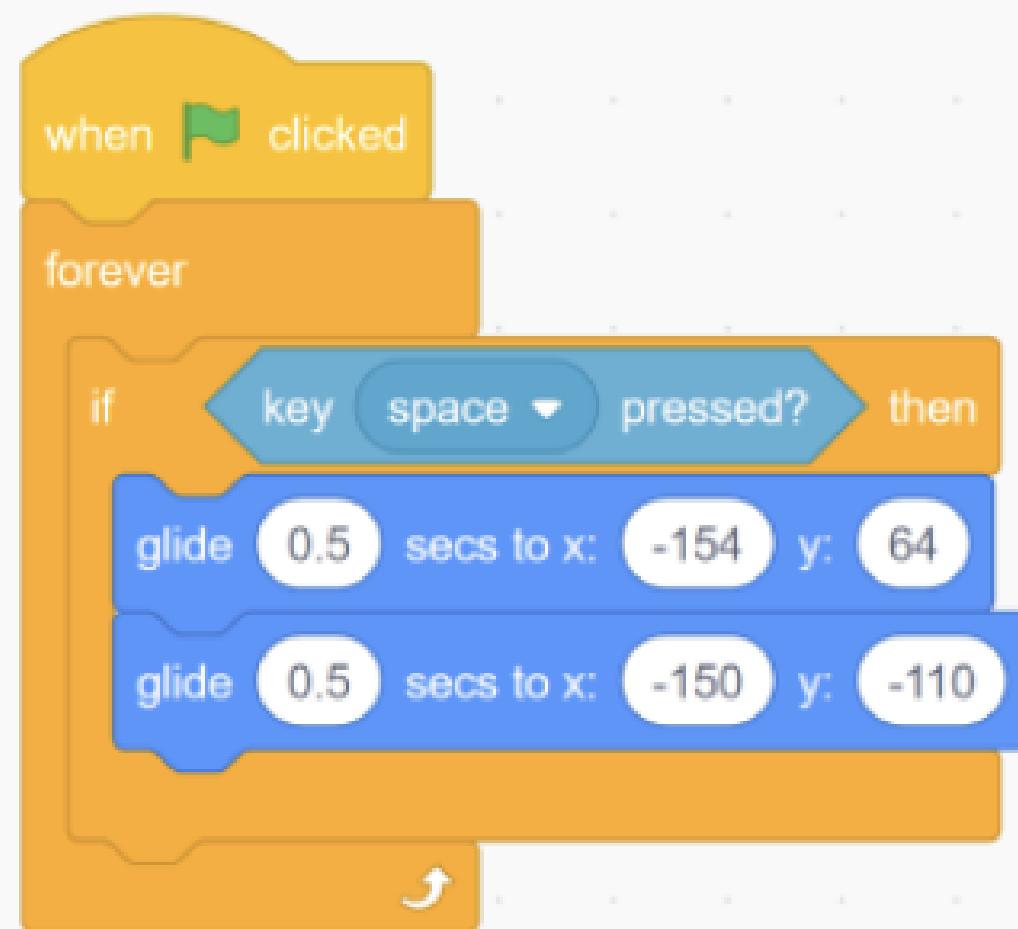


# Scratch (bino sprayti)

- Bino spraytini qo'shish
- Fonni o'zgartirish
- change x position
- change y position

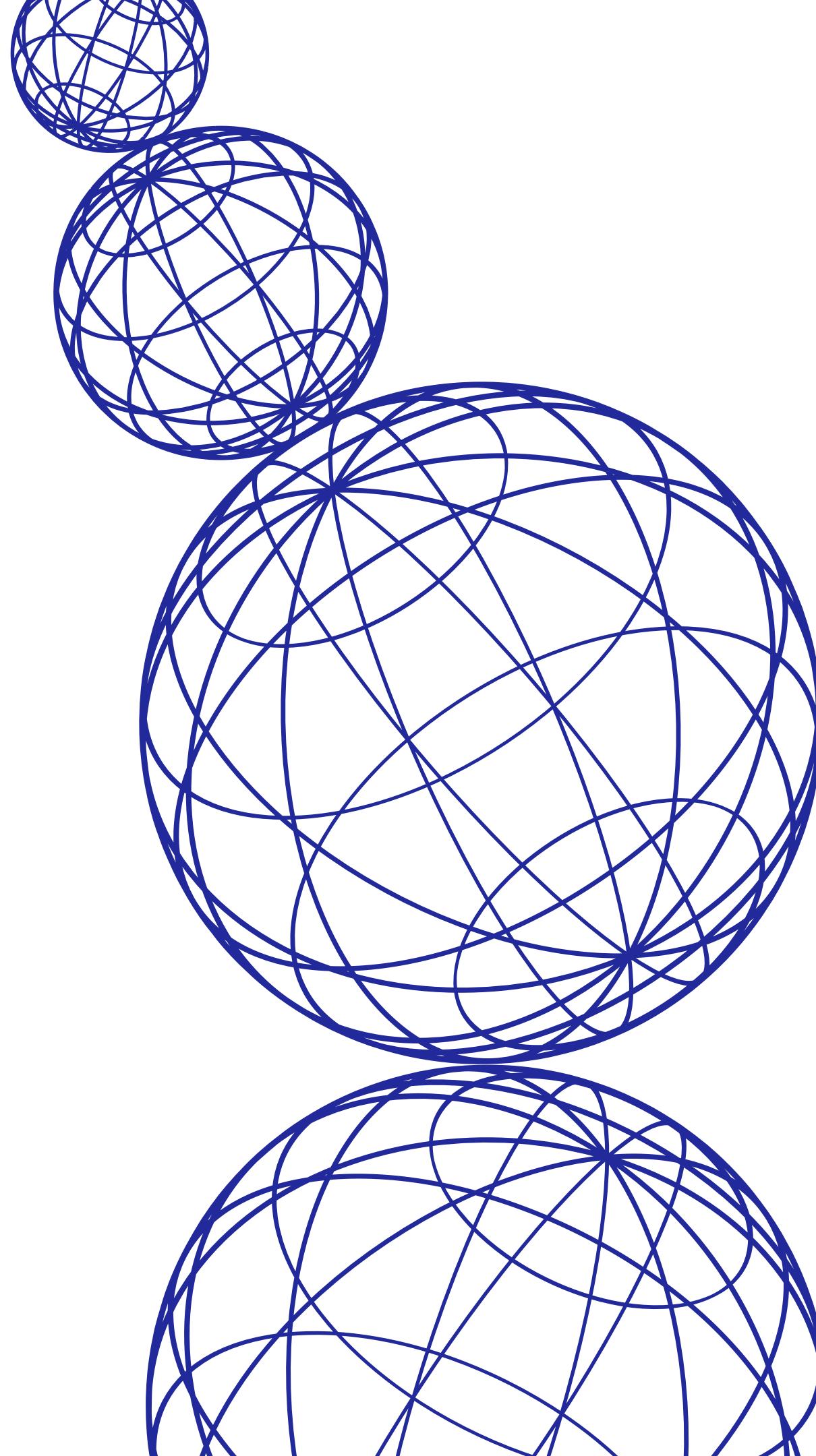


# Scratch (mushuk sprayti)



# Savollar?

Q&A session.



# Foundation kursi

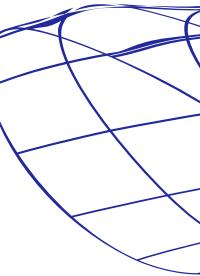
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# O'zim haqimda

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# IT nima???

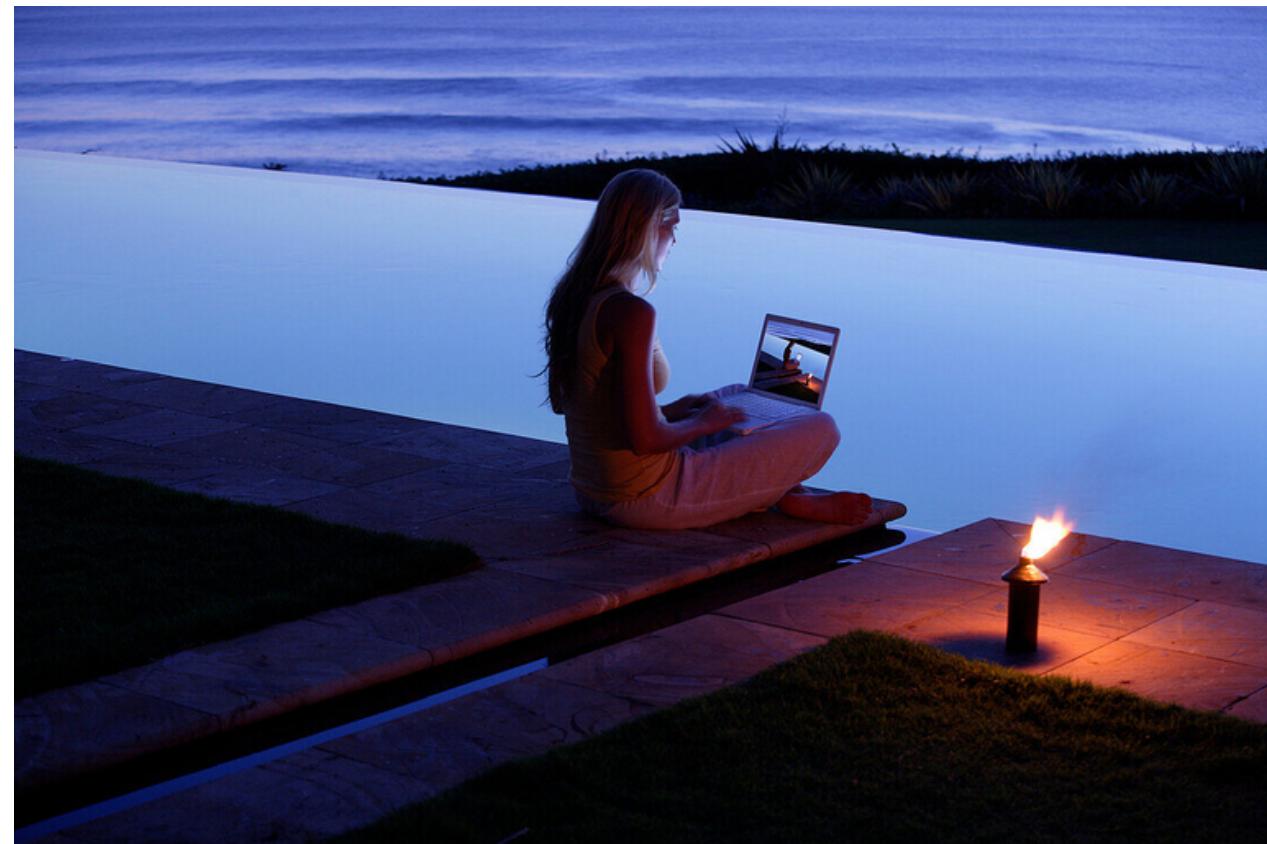
- IT - Ma'lumotlarni saqlash, yetkazish, qayta ishlash, almashish texnologiyasi
- Hozir kunda IT...
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- IT produktlar:
  - saytlar(web),
  - ilovalar(app),
  - kompyuter(desktop) uchun

Dasturlashning afzalliklari



# Masofadan ishlash

1. Sayohat qilib ishlash
2. Uyda o'tirib pul topish
3. Chet el kompaniyalari bilan ishlash



# Kremniy vodiysi



# Kremniy vodiysi haqida



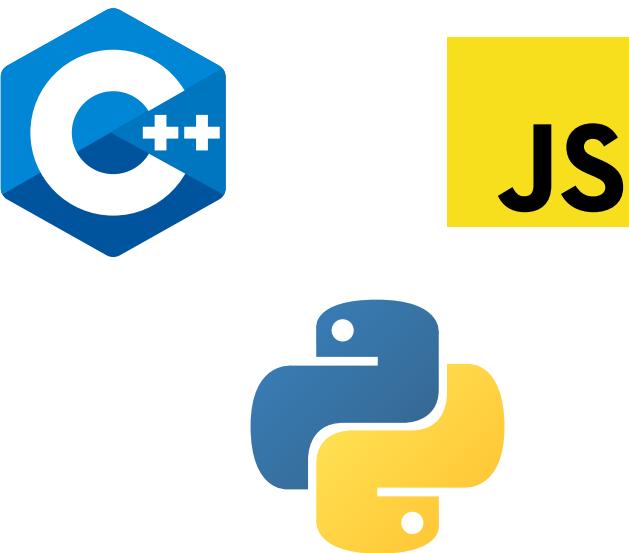
# Google

Google dastlab BackRub deb nomlangan

Google - bu "googol" so'zi bo'yicha o'yindur.

Googlening birinchi ofisi ijara qilingan garaj edi.

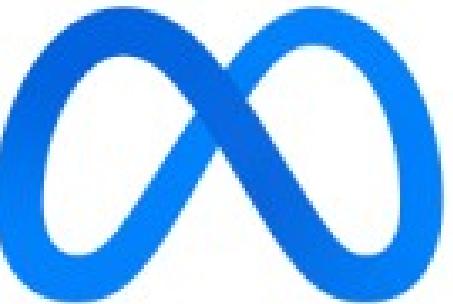
Google 3 milliarddan ortiq veb-saytlarga ega.  
Ushbu indeks chop etilganda, siz 200 kilometr  
balandlikdagi qog'oz to'plamini olasiz. Google  
ushbu veb-saytlarning barchasini yarim  
soniyadan kamroq vaqt ichida qidiradi.



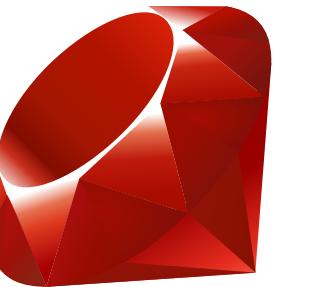
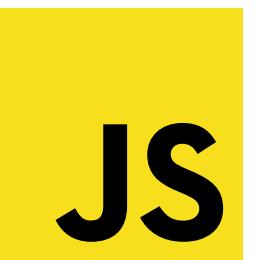
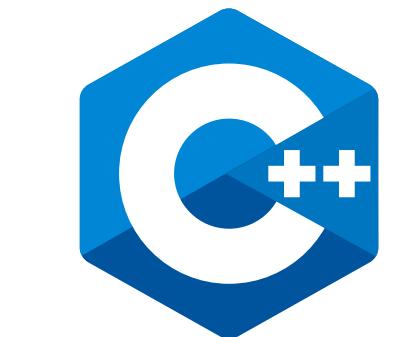
# Facebook by Meta

Facebook - dunyodagi uchinchi eng mashhur sayt.

Bu faqat Google va YouTubedan keyingi.



Mark Tsukerbergning birinchi g'oyasi Facemash deb nomlangan sayt edi. Tsukerberg Garvardda bo'lganida, foydalanuvchilarga odamlarning yuzlarini solishtirish imkonini beruvchi sayt yaratish g'oyasi bor edi.



# Apple

Apple kompaniyasi AQSh hukumatidan ko'proq pulga ega  
Forbes xabariga ko'ra, Apple'da AQSh hukumatidan ikki baravar ko'p  
naqd pul bo'lgan paytlar bo'lgan.

2020 yilda Apple butun dunyo bo'ylab 140 000 dan ortiq xodimga  
ega edi.

Apple 2018 yilda kuniga 849 450 ta iPhone sotgan.



# Amazon

Amazon deyarli "Kadabra" deb nomlandi, bu sehrli atama "abracadabra" ning qisqartmasi.

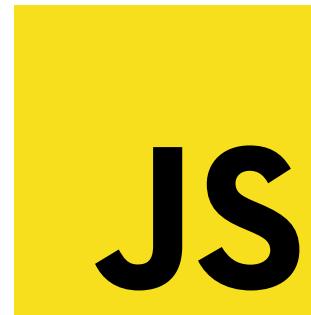
Bosh direktor Jeff Bezos kompaniyani 1995 yilda kitob sotish bilan boshlagan.

Sietldagi Amazon shtab-kvartirasida 6000 ga yaqin itlar "ishlaydi" - ularda hatto it parki ham bor.



# Netflix

Netflix, Inc., 1997-yilda Reed Hastings va Marc Randolph tomonidan Kaliforniyaning Scotts Valley shaharchasida asos solingan hamda turli turdag'i film ishlab chiqaruvchi Amerika kompaniyasi. 2019-yil aprel holatiga ko'ra, Netflix butun dunyo bo'ylab 148 milliondan ortiq pullik obunalarga ega bo'lib, shulardan 60 millioni Amerika Qo'shma Shtatlarida, 154 milliondan ortig'i esa bepul sinov versiyalaridan iborat. Netflixning rasmiy offislari Xitoy (mahalliy cheklovlar tufayli), Suriya, Shimoliy Koreya va Qrimdan tashqari (AQShning sanksiyalari tufayli) butun dunyo bo'ylab mavjud. Shuningdek, kompaniyaning Niderlandiya, Braziliya, Hindiston, Yaponiya va Janubiy Koreyada vakolatxonalari bor.



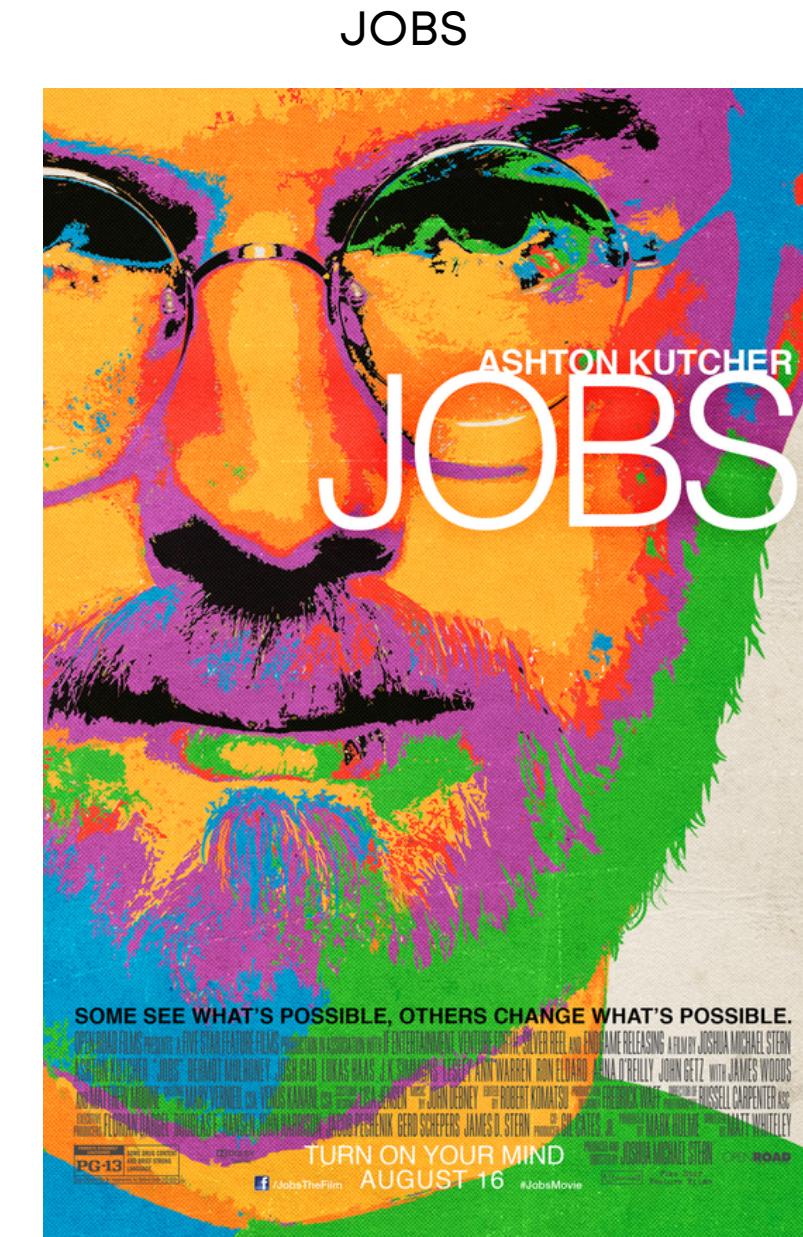
# IT haqidagi ko'rish kerak bo'lgan filmlar



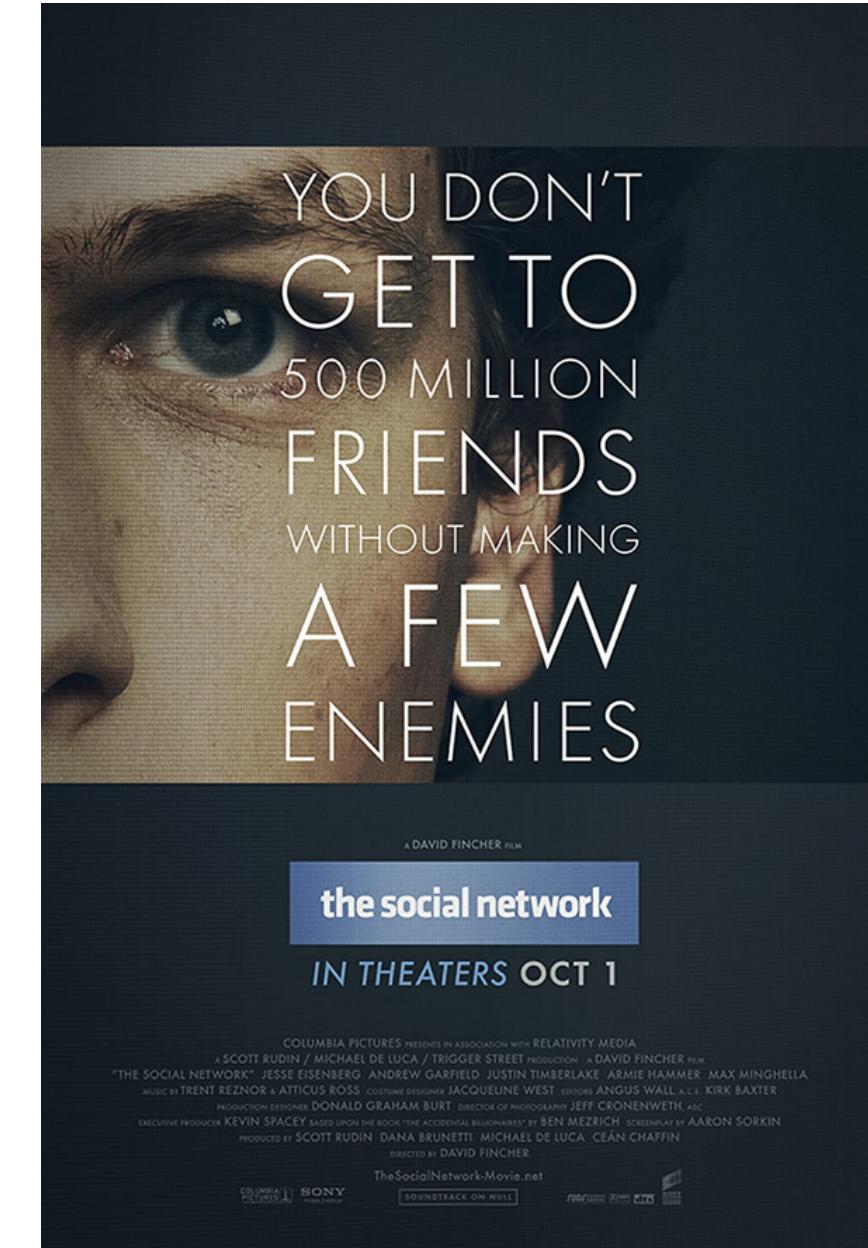
Silicon Valley  
Kremniy vodiysi



Snowden



JOBS



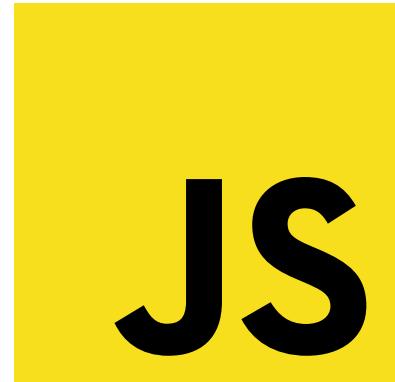
The Social Network  
Ijtimoiy tarmoqlar

# Operatsion tizimlar

Uskunani (Hardware) odam bilan ulash uchun kerak

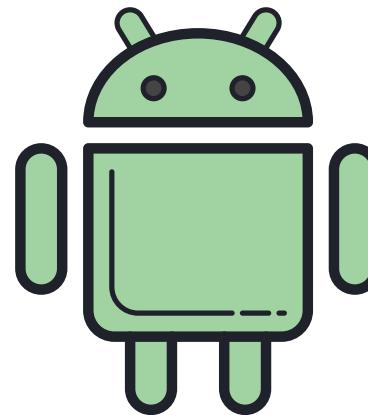


# Foundationda nimalarni o'rganamiz?

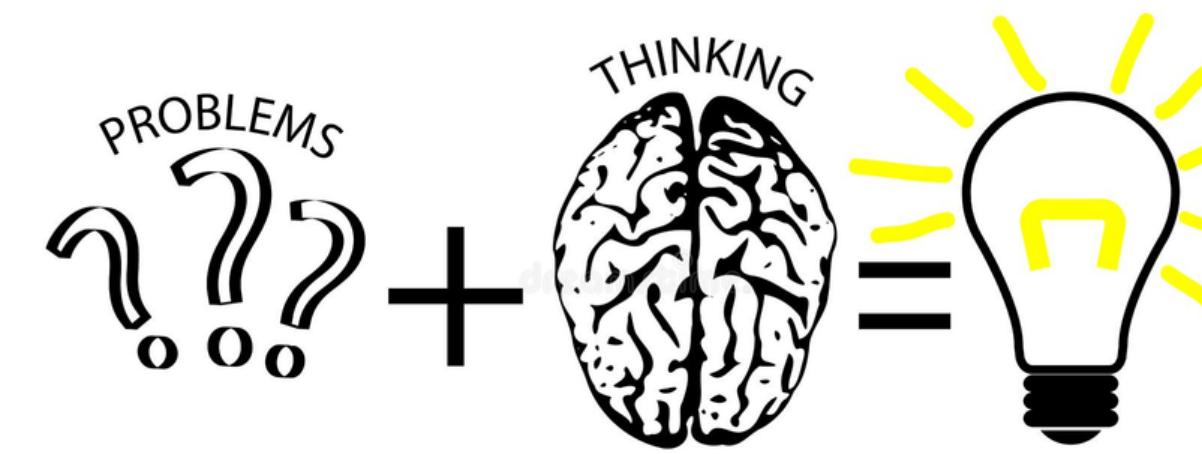


**JavaScript**

Js can solve all your  
problem in all OS



**Scratch**



**Muammolarga yechim topish**

# Practice Part

type                    name  
int count;

01

Programiz input and output(print your full name)

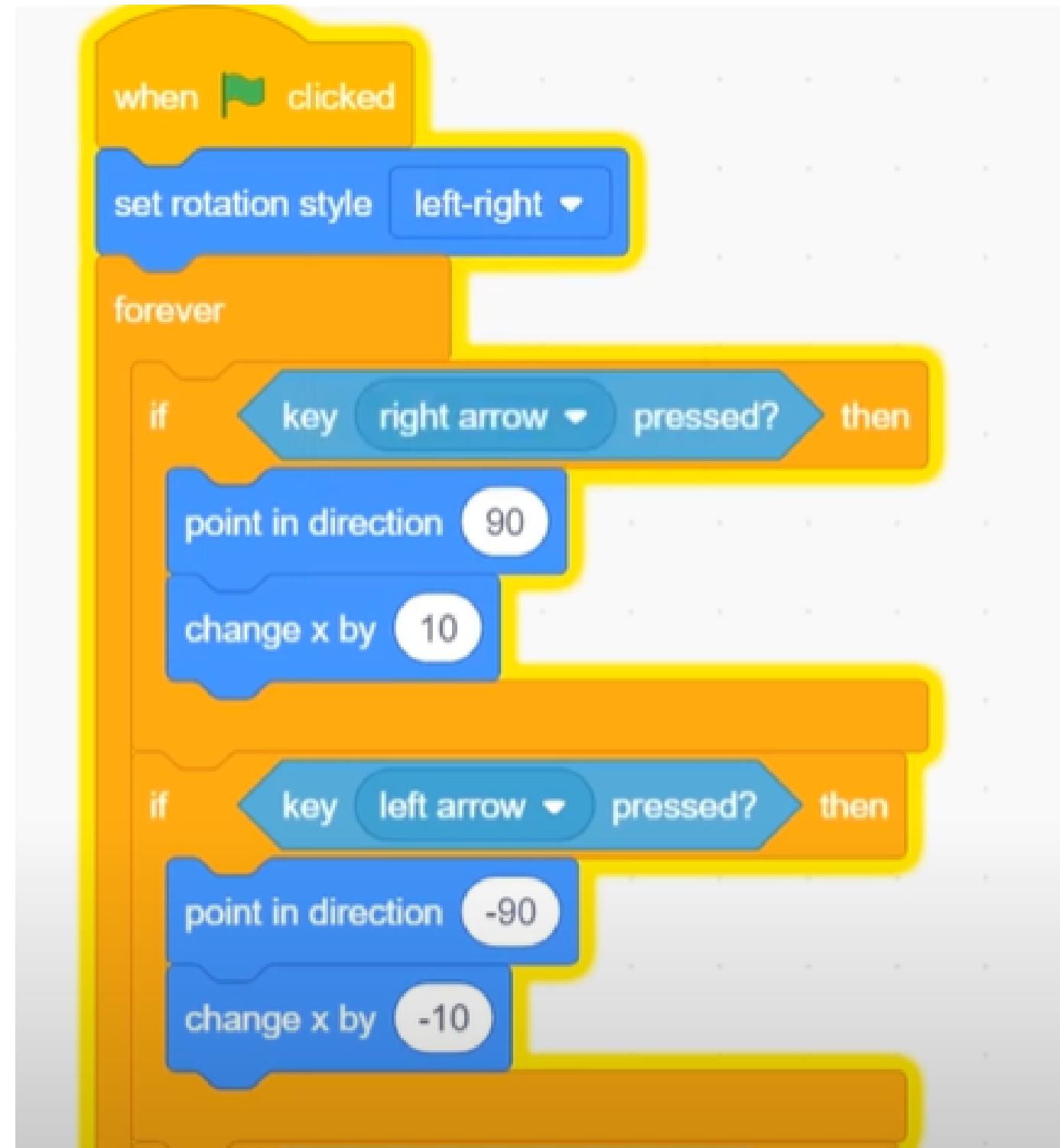
02

Motion of cat in different ways with speed,

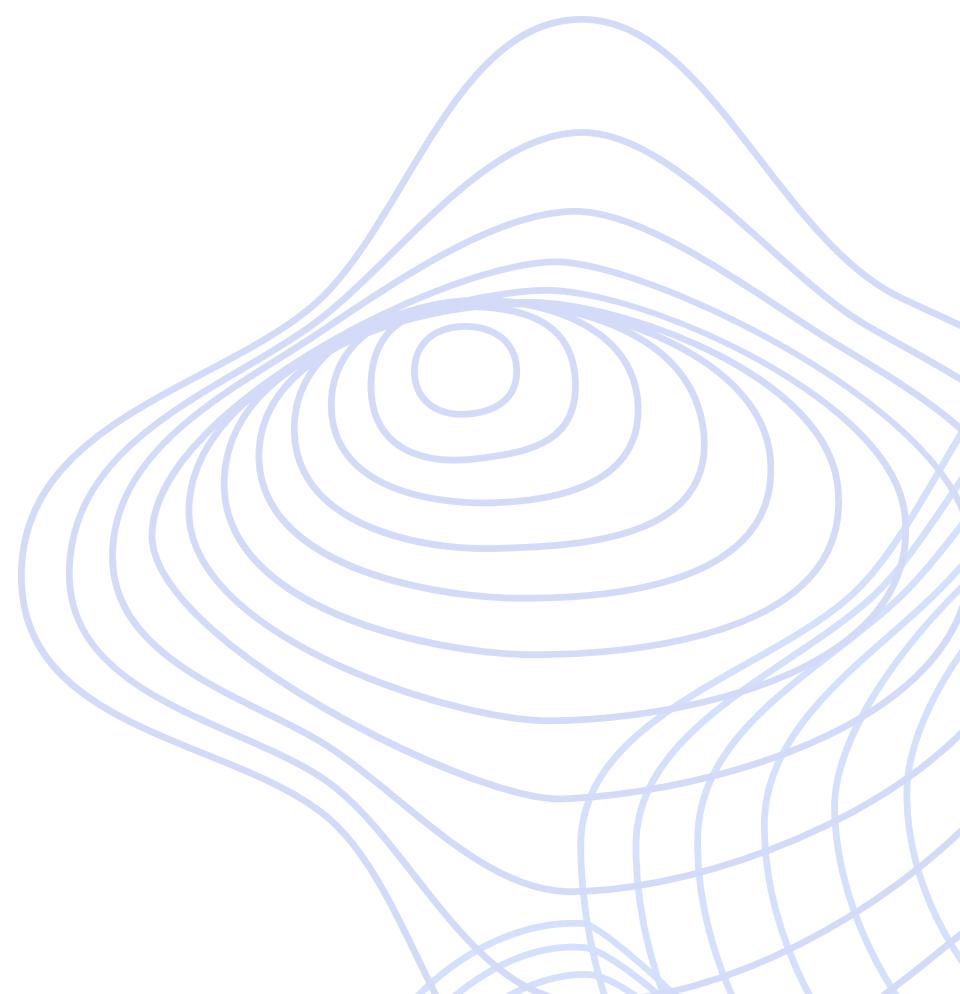


main.js			Output
1 console.log('Jamshdibek Kobilov')			<i>node /tmp/8We0AsrZMA.js</i>
2 console.log('Yoshim: 50 da')			Jamshdibek Kobilov
3 console.log('Maktab: 34')			Yoshim: 50 da
4 console.log('Hackerliga qiziqaman')			Maktab: 34
5 console.log('Kelajakda kuchli programist bolmoqchiman')			Hackerliga qiziqaman
			Kelajakda kuchli programist bolmoqchiman

# Mushuk sprite

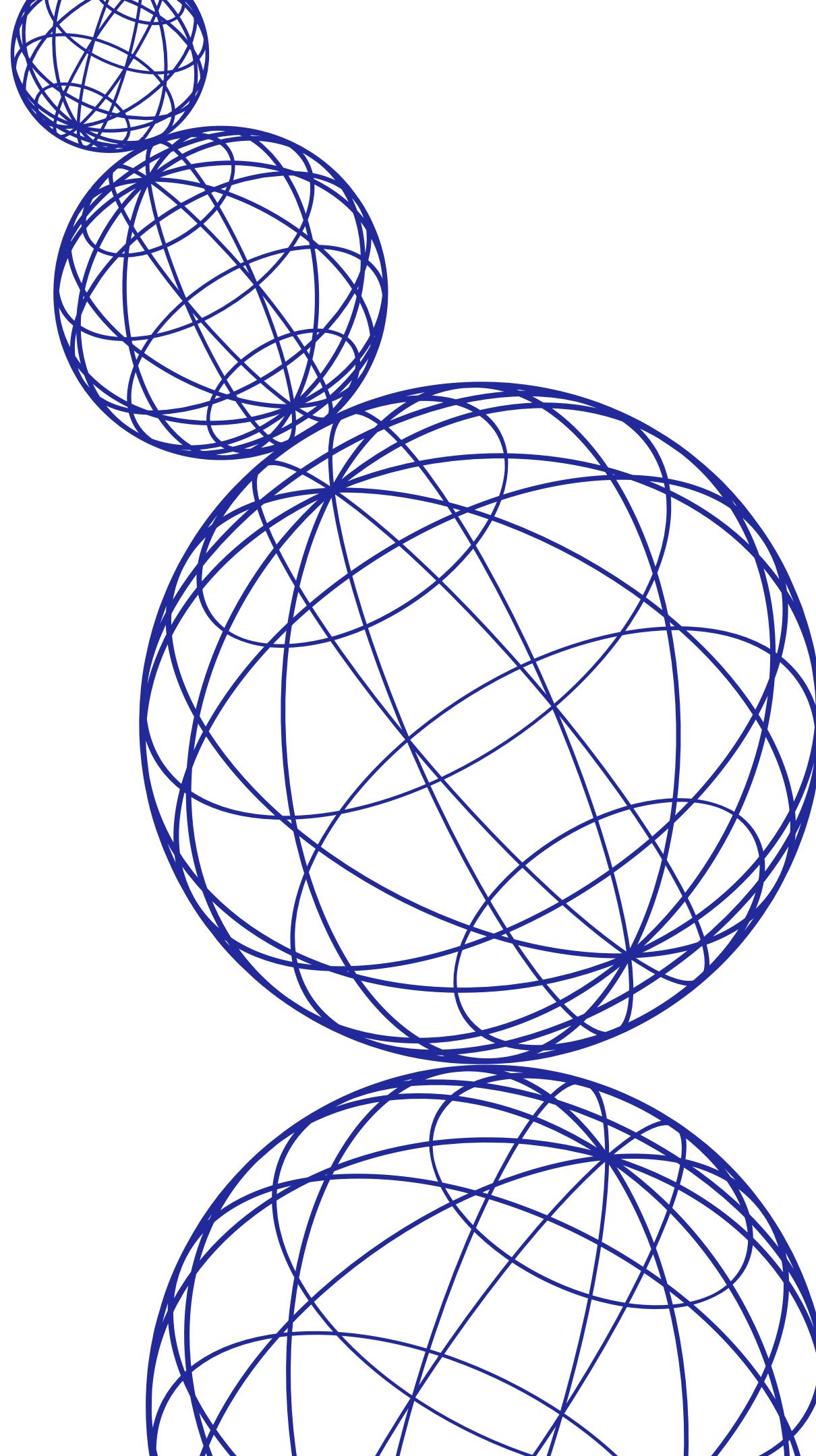


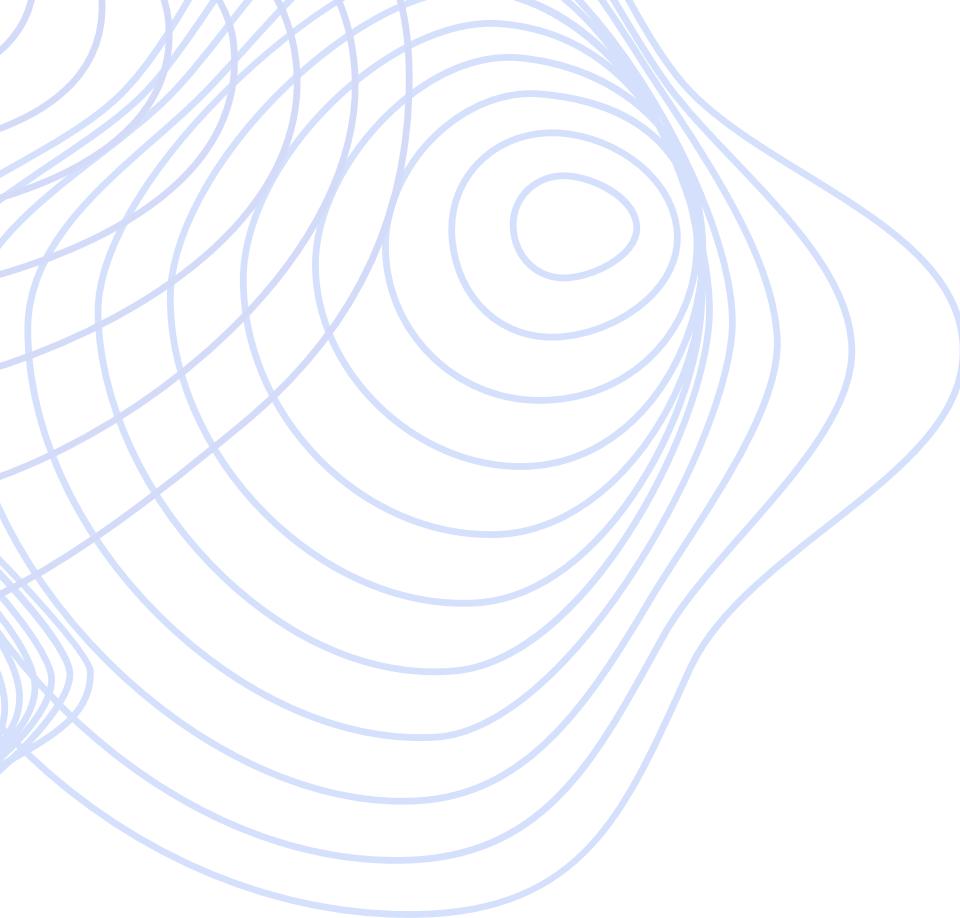
# Sizga dasturchilarni ish jarayoni qiziqmi?



# Savollar?

Q&A session.





# Foundation kursi

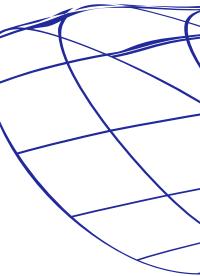
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# IT yo'nalishlari

- IOS



- Android



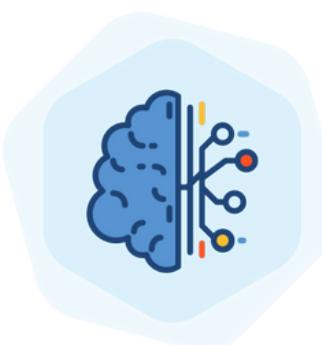
- WEB



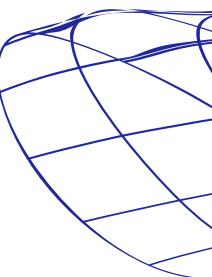
- Desktop



- AI/Data science



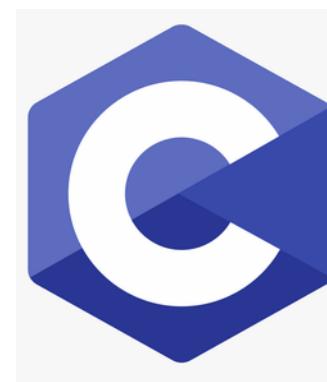
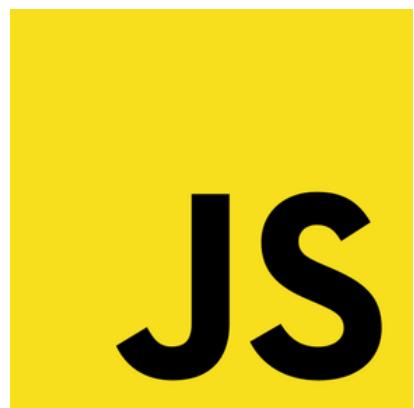
- Game Development



# Mobil dasturchi

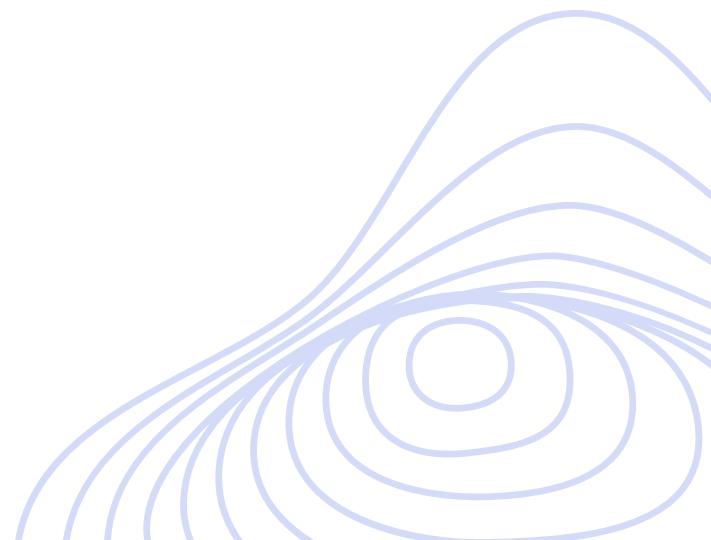
iOS  
Appstore

- Objective-C
- Swift



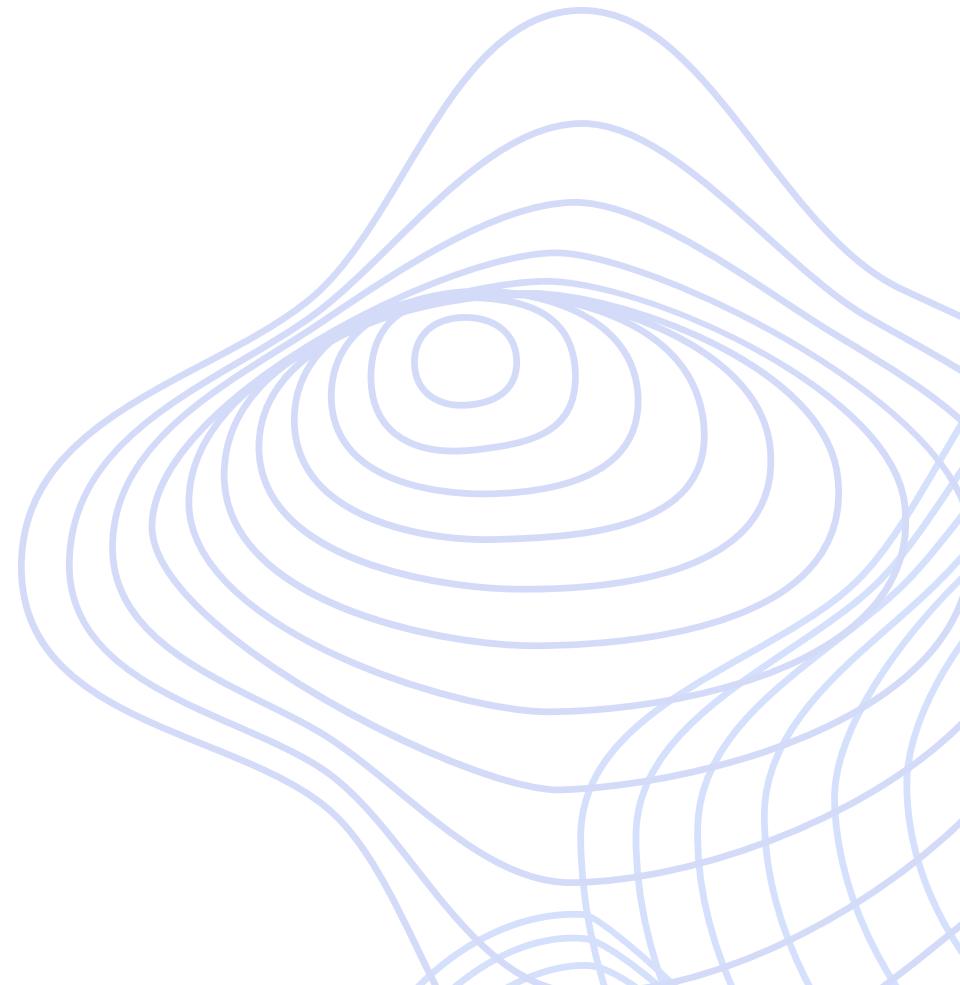
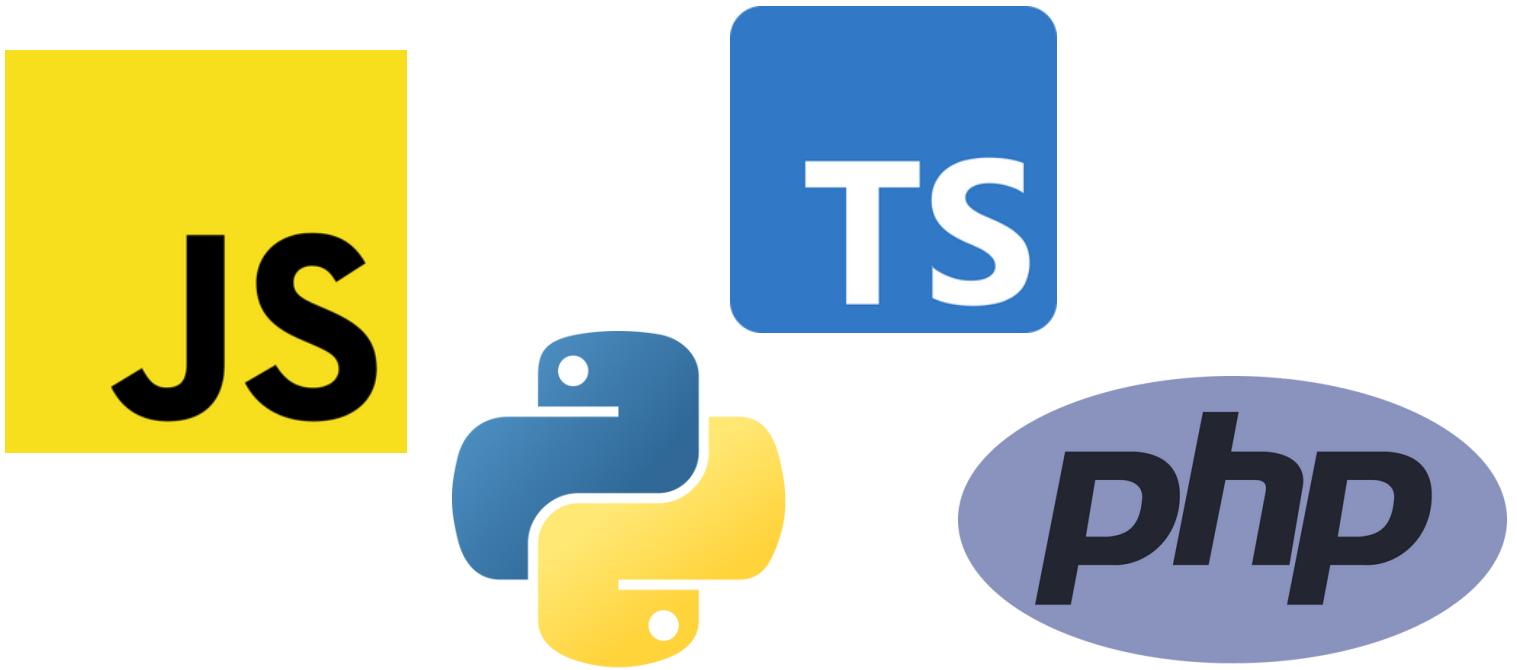
Android  
Playmarket

- Java
- Kotlin
- C#
- C++



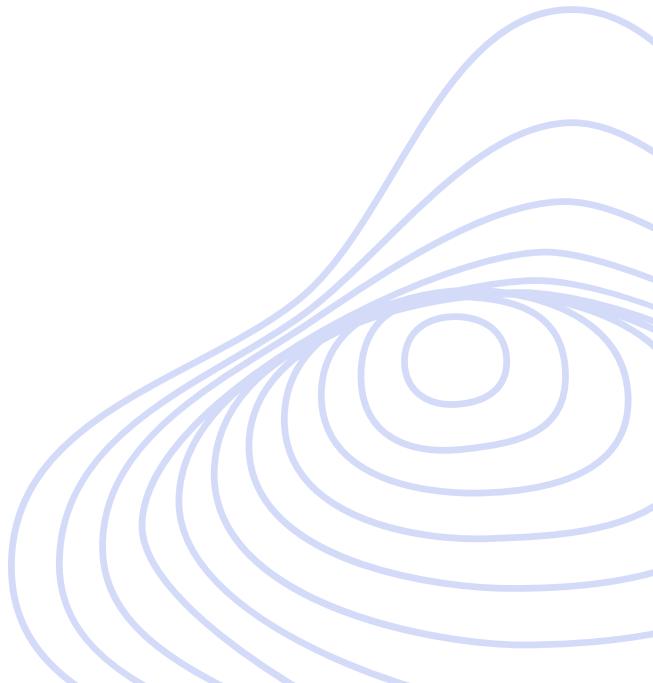
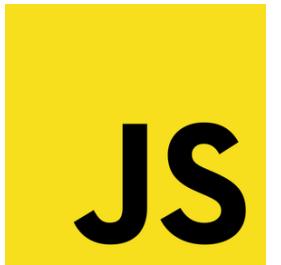
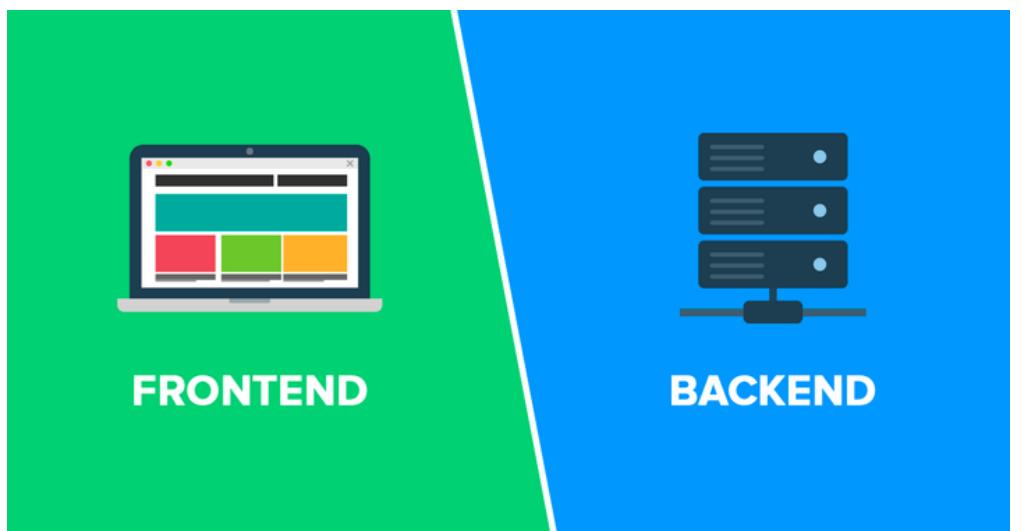
# Desktop

- 1.C#
- 2.C++
- 3.Python
- 4.Java
- 5.JavaScript
- 6.PHP
- 7.Swift
- 8.Red-Lang
- 9.Go
- 10.Object Pascal



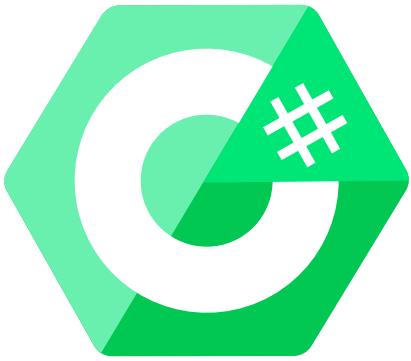
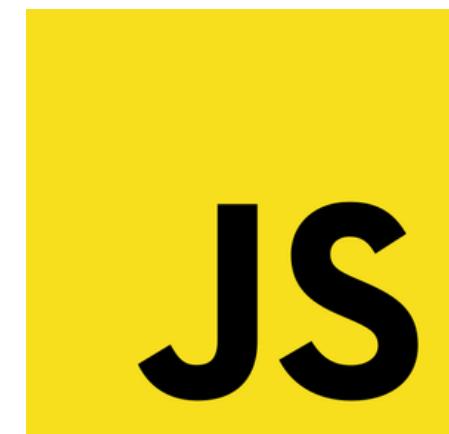
# WEB

- Frontend
- Backend



# Game

- 1. C++
- 2. C#
- 3. JavaScript
- 4. Java
- 5. Lua
- 6. Python
- 7. Engines: Unity, Unreal



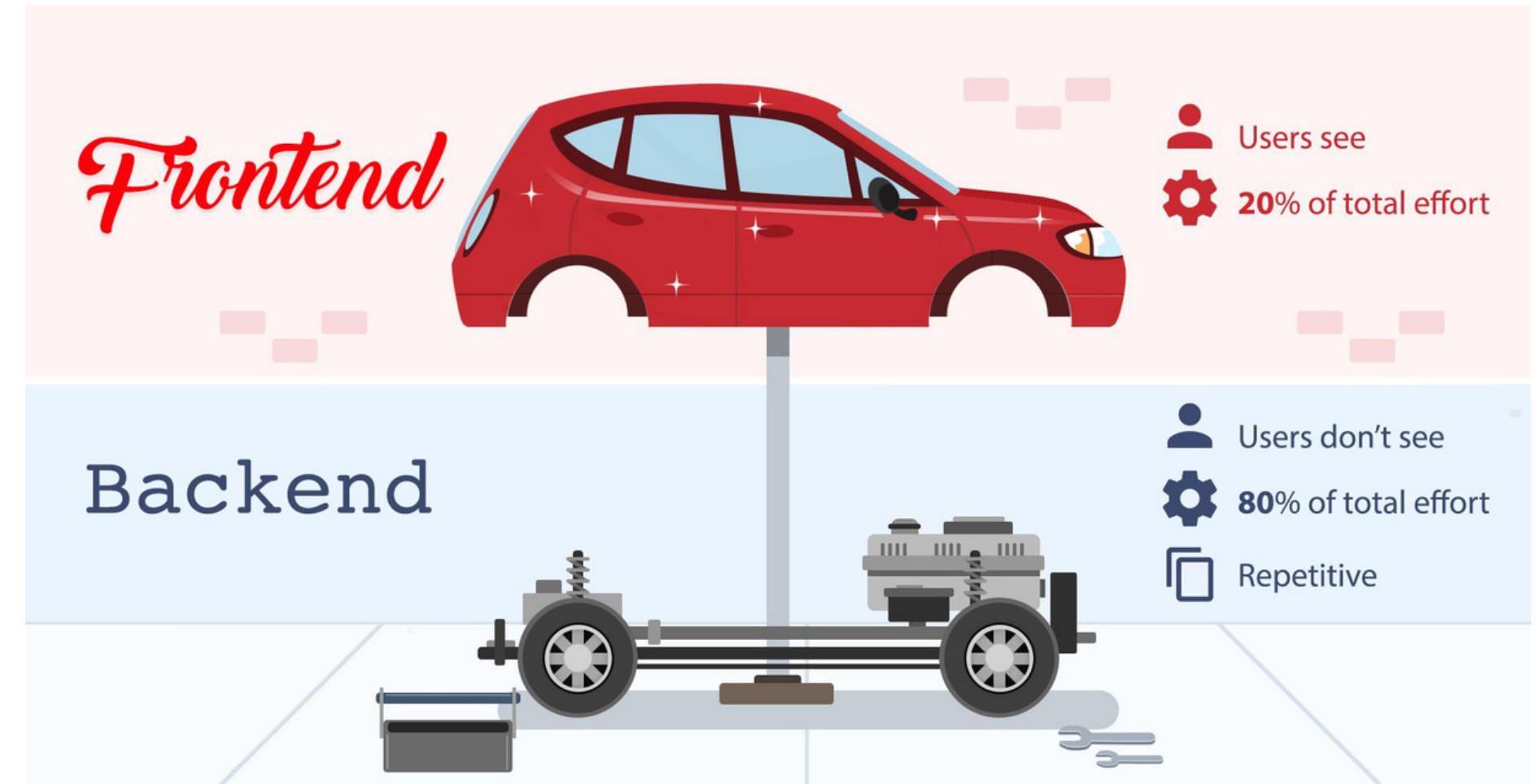
- juda qiyin



# Frontend va Backend

Front End (inglizcha Foydalanuvchi interfeysi)

Back End - (inglizcha - orqa uchi)

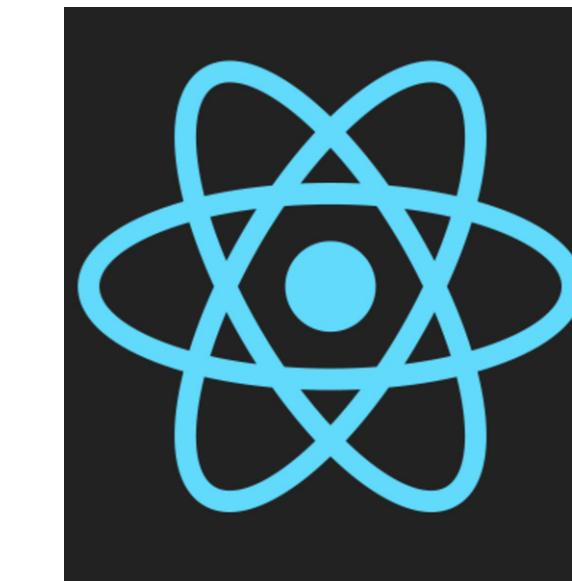
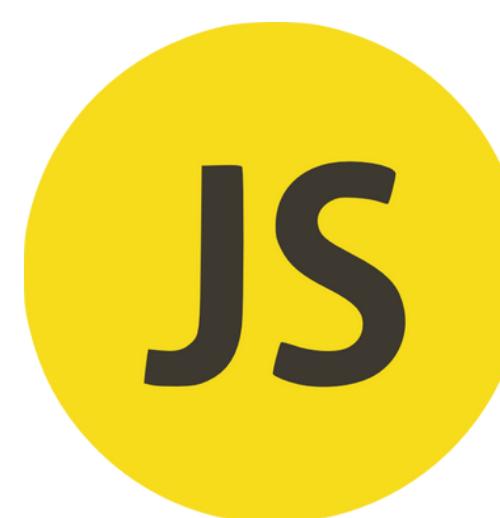


# Frontend dasturchi

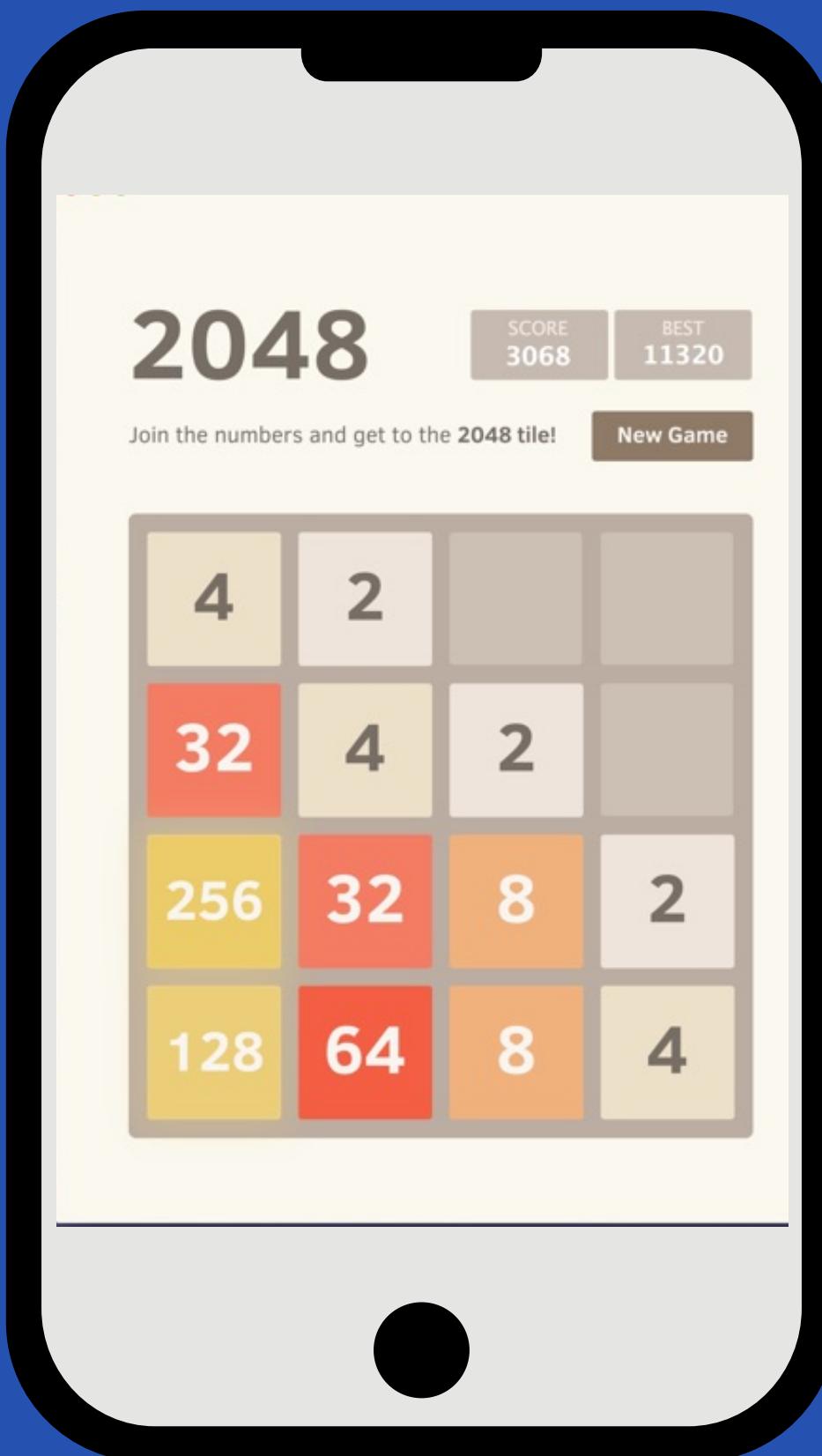
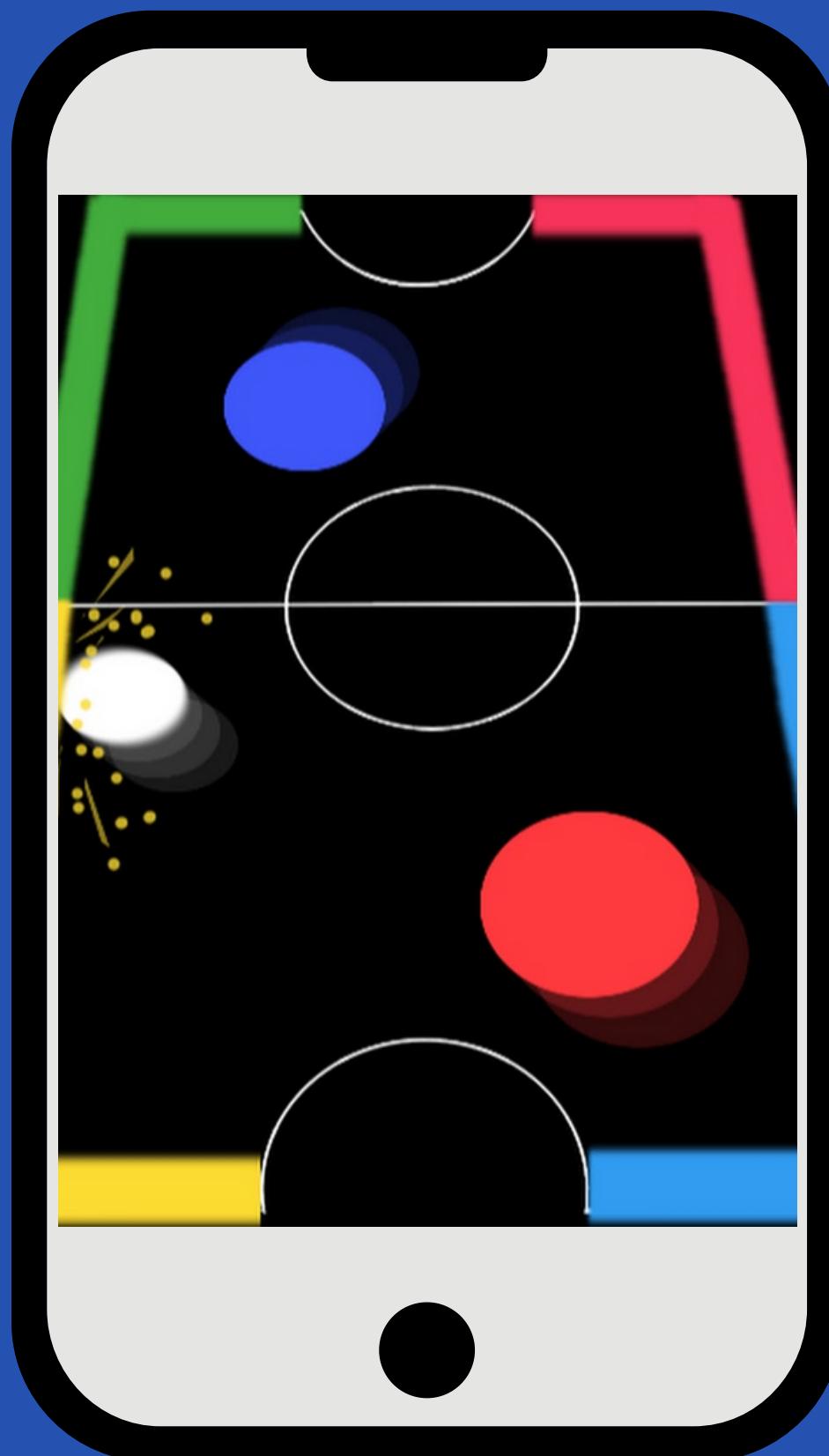
Frontend dasturchisiga qo'yiladigan talablar:

- HTML, CSS , Bootstrap
- JavaScript dasturlash tilini bilish
- Yangi texnologiyalarni tahlil qilish, o'rganish, o'zlashtirish va qo'llash qobiliyati
- Intermediate dan past bo'lмаган darajada ingliz tili
- React.js, Vue.js, Angular.js(Typescript), Swift

Agar siz ushbu texnologiyalarni yaxshi, puxta o'rgansangiz siz haqiqiy Front End dasturchi bo'lasiz!



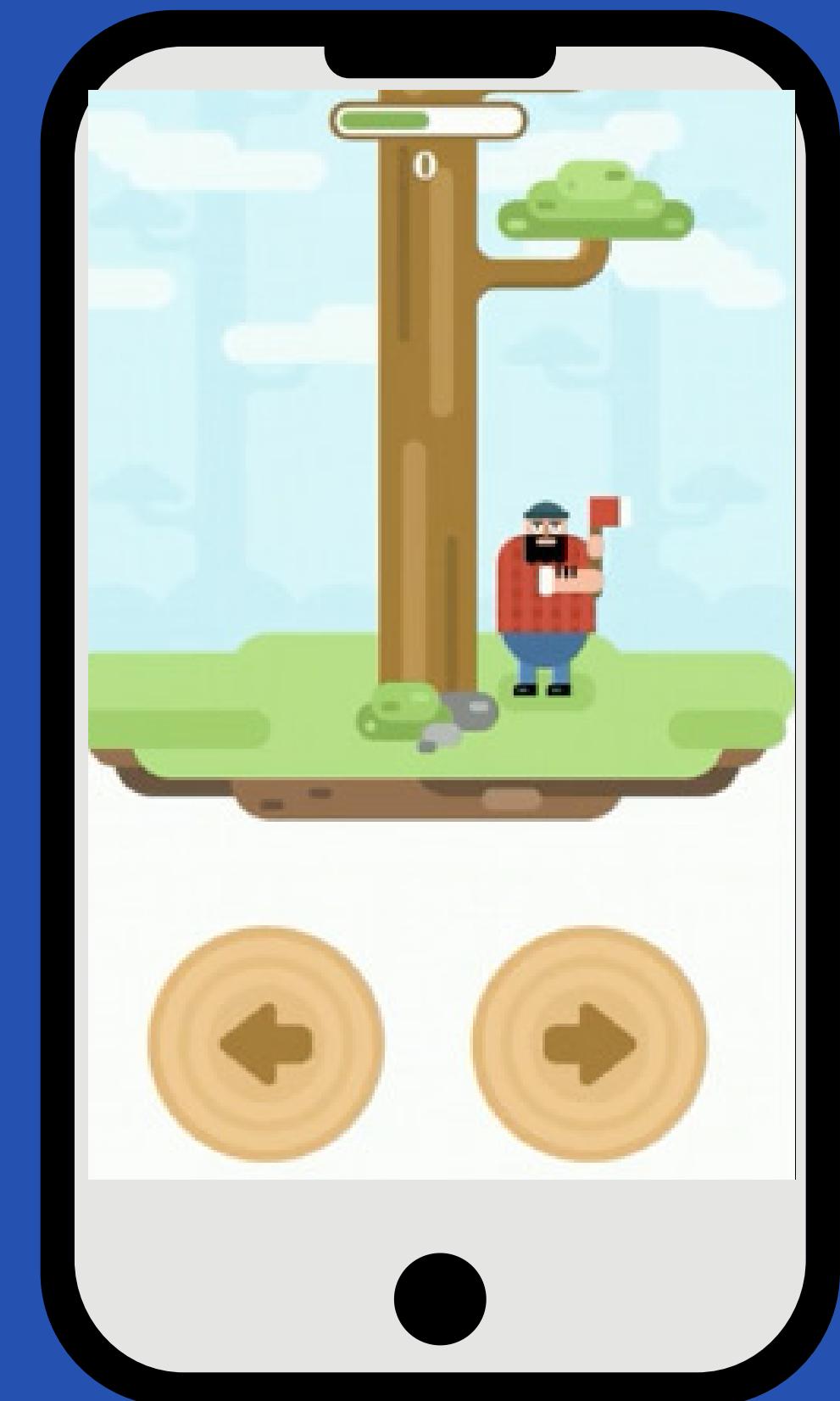
# Javascript



4	2		
32	4	2	
256	32	8	2
128	64	8	4

Join the numbers and get to the 2048 tile!

New Game



# Dasturchilar qancha pul topadi?

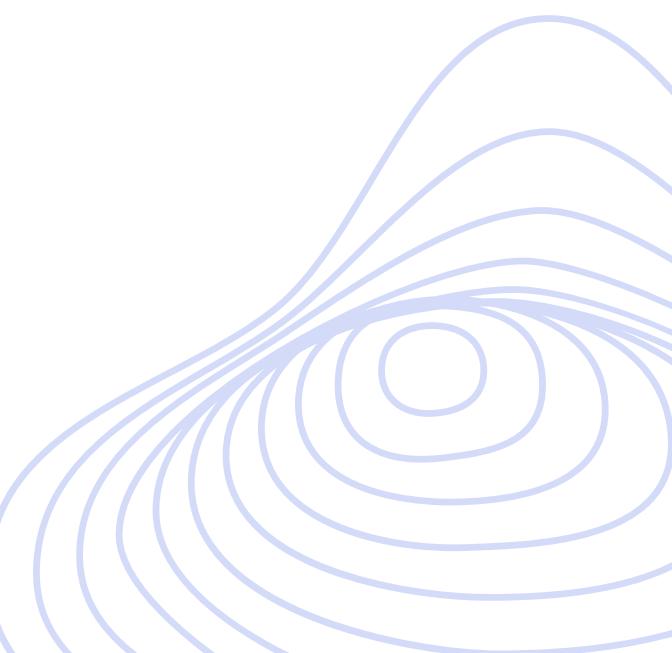
Dasturlashda dasturchilarning levellari ya'ni darajalari bor

**Junior** - dasturlash tilini yomon bilmaydi,  
ishlaganiga 4-5 oydan o'tgan,  
1-2 ta qilgan ishlari bor dasturchilar.

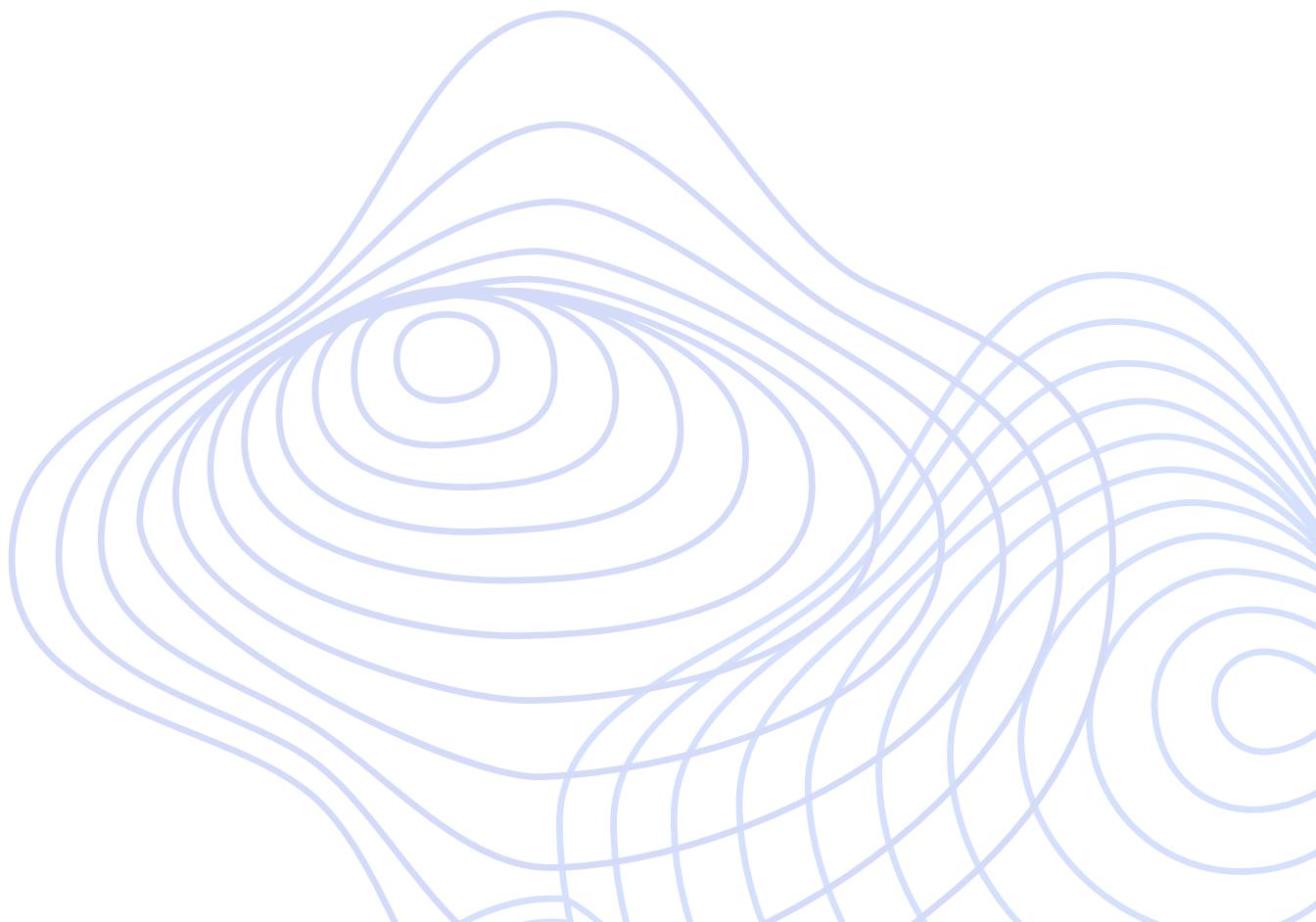
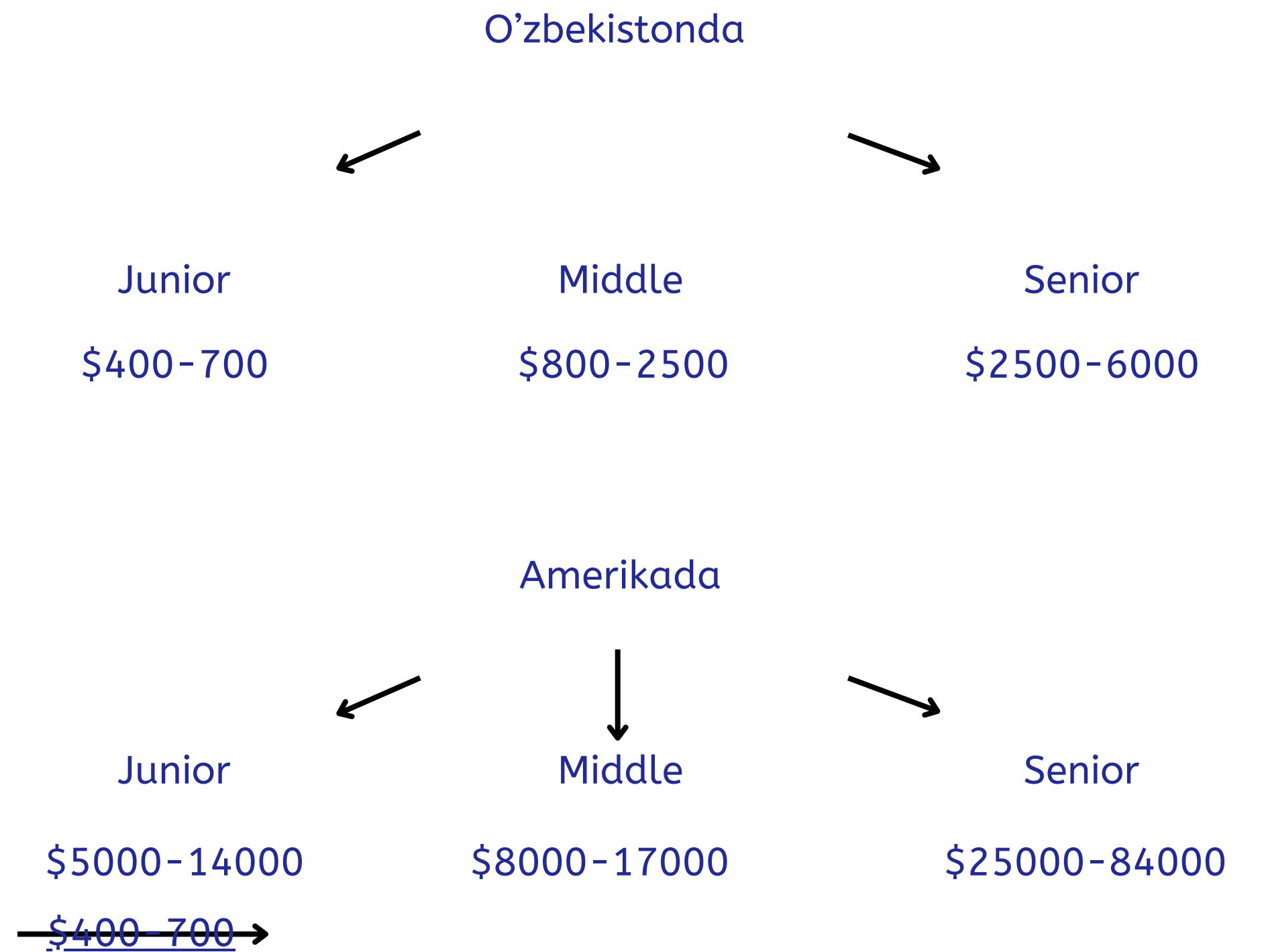
**Middle** - Juniordan o'tgan, ishlaganiga 1 yildan oshgan, dasturlash tilini yaxshi biladi, tajribasi bor, portfolioda ishlar ko'p.

**Senior** - Ish tajribasi yili 3+.

**Team Lead**- Jamoa boshlig'i.

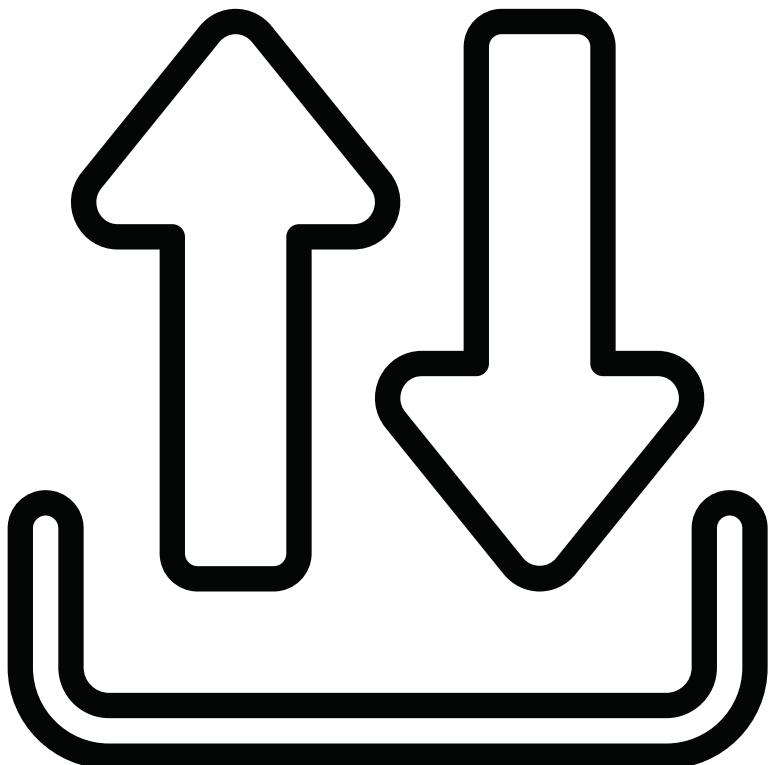


# Dasturchilar qancha pul topadi?



# **Input va Output nima?**

Output bu - yozgan kodimiz natijasi  
chiqadiga joy



Input bu - biz kod yozadigan joy

# Practice Part



01

websitelarni blaknotda yozsa bo'ladi

02

O'zimiz haqimizda website yaratish

