

سوال ۱: فلوجارم

start

```
int a,b,c;  
cin >> a;  
cin >> b;  
cin >> c;  
float s1,s2;
```

```
int Delta = b*b - 4*a*c  
if (Delta >= 0)
```

No

Yes

```
s1 =  $\frac{-b + \sqrt{b^2 - 4ac}}{2a}$   
s2 =  $\frac{-b - \sqrt{b^2 - 4ac}}{2a}$ 
```

```
s1 =  $\frac{-b + \sqrt{b^2 - 4ac}}{2a}$   
s2 =  $\frac{-b - \sqrt{b^2 - 4ac}}{2a}$ 
```

```
cout << "s1 = " << s1;  
cout << "s2 = " << s2;
```

```
cout << "s1 = " << s1;  
cout << "s2 = " << s2;
```

```

#include <iostream>
using namespace std;

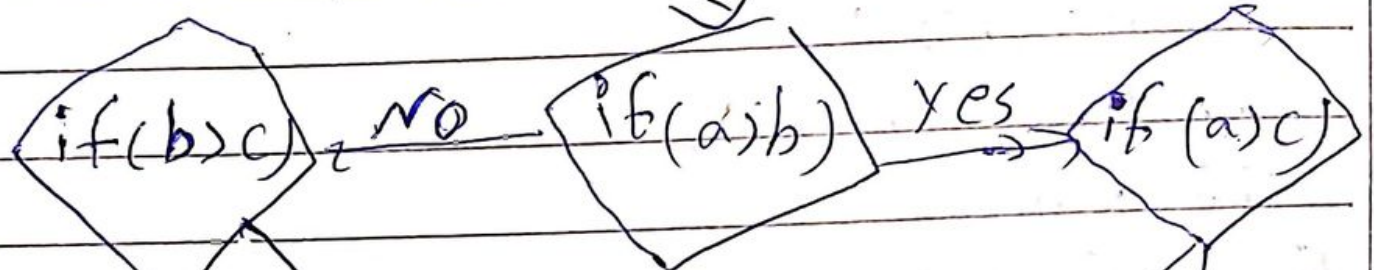
int main
{
1  int a,b,c,delta;
2  cin>>a;
3  cin>>b;
4  cin>>c;
5  float s1,s2;
6  if(delta==0)
7      s1 =  $\frac{-b + \text{rad} \cdot \text{Delta}}{r}$ ;
8      s2 =  $\frac{-b - \text{rad} \cdot \text{Delta}}{r}$ ;
9      cout<<"s1"<<s1;
10     cout<<"s2"<<s2;
11 else
12     s1 =  $\frac{-b + i \cdot \text{rad} \cdot \text{Delta}}{r}$ ;
13     s2 =  $\frac{-b - i \cdot \text{rad} \cdot \text{Delta}}{r}$ ;
14     cout<<"s1"<<s1;
15     cout<<"s2"<<s2;
16     return 0;
}

```


سوال ۱۲: قلو ۲۰۲۰

start

```
int a, b, c;
cin >> a >> b >> c;
float R = a + b + c / 3;
```



```
cout << "max" << b;
cout << "R" << R;
```

```
cout << "max" << b;
cout << "R" << R;
```

```
cout << "max" << a;
cout << "R" << R;
```

```
cout << "max" << c;
cout << "R" << R;
```

```

#include <iostream>
using namespace std;
int main
{
1. int a,b,c;
2. cin >> a >> b >> c;
3. float R = a+b+c/3;
4. if (a>b)
5.     if (a>c)
6.         cout << "max" << a;
7.         cout << "R" << R;
8.     else
9.         cout << "max" << c;
10.        cout << "R" << R;
11. else
12.     if (b>c)
13.         cout << "max" << b;
14.         cout << "R" << R;
15.     else
16.         cout << "max" << c;
17.         cout << "R" << R;

```


start

سؤال ٣

```
int n, rev, temp;
```

```
cin >> n;
```

```
temp = n % 10;
```

```
n = n / 10;
```

```
rev = 10 * rev + temp;
```

```
temp = n % 10;
```

```
n = n / 10;
```

```
rev = 10 * rev + temp;
```

```
temp = n % 10;
```

```
n = n / 10;
```

```
rev = 10 * rev + temp;
```

```
temp = n % 10;
```

```
rev = temp + rev;
```

```
cout << "rev = " << rev;
```

start

سو (n) ف

int f = 1; i = 1; n;

cin >> n;

if (i == n)

no

yes

i = i + 1;
f = f * i;

cout << f << endl;

start

{ 2 } / 2

int a=0, b=1, temp=i, n;

cin >> n;

if(n > 1)

if(n == 1)

yes

cout << "mz" << b;

yes

if(i == n)

yes

temp = b;
b = a + b;
a = temp;
i = i + 1;

no

no

cout << "mz" << a;

cout << "m" << b;

start

سوال 14

```
int absrecn;
```

```
cin >> n;
```

```
n = n * 1000;
```

```
a = n / 10000;
```

```
n = n % 10000;
```

```
b = n / 1000;
```

```
n = n % 1000;
```

```
c = n / 1000;
```

```
cout << "Dah hezar tomaniz " << a;
```

```
cout << "Do hezar tomaniz " << b;
```

```
cout << "hezar tomaniz " << c;
```


سؤال ۷

هدف از طراحی فلو چارت ایجاد الگوریتم ذهنی برای کاربر

و مطمئن شدن از درستی پلان و همچنین جلوگیری از بی نظمی ذهنی است

هدف از طراحی سوراخه تمرین نوشتن الگوریتم است مانند فلو چارت

و همچنین یاد داری لایه ها برای ترتیب ذهنی که متوجه شروع

و پایان به نام پیش شروع و مسیر اجرای نام و متوقف می شود

19 cout << "Garab = " << f;

ارباب سوال 1

1 float f = 1 + n;

سوال 1

2 int i, n;

i = 1;

3 float n;

4 cin >> n >> n;

5 if (n == 1)

6 cout << "Garab" << endl;

7 if (n == 2)

8 cout << "Garab" << f << endl;

9 else

10 while (i <= n)

{

11 int d = 0, c = 1, a = 1, b = 1;

12 while (d <= i)

{

13 c = c * n;

14 d++;

}

15 while (a <= i)

{

16 a++;

17 b = b * a;

}

18 f = f + (c / b);

}