

Q1 create a class three methods

a) void cube(int a)

b) void square (int b)

c) void greater(int a,int b,int c)

create another class having main method

display menu

1) cube

2) square

3) greater

Ask choice from user and based on choice call above methods

Repeat the menu till choice is not equal to 0

Q2create another class having method like

void greater() --> take 3 input within function

void greater(int ,int)

void greater(int a,int b,int c)

create main in same class and call all methods

```
1 package functions;
2
3 class methods
4 {
5     void cube(int a)
6     {
7         System.out.println(a*a*a);
8     }
9     void square (int b)
10    {
11        System.out.println(b*b);
12    }
13    void greater(int a,int b,int c)
14    {
15        if((a>b) && (a>c))
16        {
17            System.out.println(a);
18        }
19        else if((b>c) && (b>a))
20        {
21            System.out.println(b);
22        }
23        if((c>a) && (c>b))
24        {
25            System.out.println(c);
26        }
27    }
28 }
29
30 public class functions {
31
32
33
34     public static void main(String[] args) {
35         // TODO Auto-generated method stub
36         methods r= new methods();
37
38         Scanner sc=new Scanner(System.in);
39         System.out.println("enter the choice");
40         int ch=sc.nextInt();
41         int a=10,b=15,c=90;
42         switch(ch)
43         {case 1:
44             r.cube(a);
45             break;
46             case 2:
47                 r.square(b);
48                 break;
49             case 3:
50                 r.greater(a, b, c);
51                 break;}
52     }
53
54 }
55
```

Problems Javadoc Declaration Console X

<terminated> functions [Java Application] C:\Users\rutuj\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.6.v20230204-1729\jre\bin\javaw.exe (02-Apr-2023)

enter the choice

1

1000

```

1 package functions;
2
3 class methods
4 {
5     void greater(int a,int b,int c)
6     {
7         if((a>b) && (a>c))
8         {
9             System.out.println(a);
10        }
11        else if((b>c) && (b>a))
12        {
13            System.out.println(b);
14        }
15        else
16        {
17            System.out.println(c);
18        }
19    }
20    void greater(int x,int y)
21    {
22        if(x>y)
23        {
24            System.out.println(x);
25        }
26        else
27            System.out.println(y);
28    }
29 }
30
31 public class functions {
32
33
34
35     public static void main(String[] args) {
36         // TODO Auto-generated method stub
37         method r= new method();
38         int a=10,b=45,c=23;
39         int x=8,y=10;
40         r.greater (a,b,c);
41         r.greater (x,y);
42     }
43 }
44

```

Problems @ Javadoc Declaration Console X
 <terminated> functions [Java Application] C:\Users\rutuj\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.6.v20230204-1729\jre\bin\java

45
 10