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Write your code in this editor and press "Run" button to execute it.

```
Main.java
5      Write your code in this editor and press "Run" button to execute it.
6
7 ****
8
9  import java.util.Scanner;
10 public class Main
11 {
12     public static void main(String[]args){
13         Scanner sc=new Scanner(System.in);
14         System.out.println("enter the number");
15         int a=sc.nextInt();
16         if(a>=25)
17         {
18             System.out.println("eligible");
19         }
20         else
21         {
22             System.out.println("not eligible");
23         }
24     }
25 }
26 }
```

input

enter the number  
67  
eligible

...Program finished with exit code 0  
Press ENTER to exit console.

3:59 PM 5/19/2023 6

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```
Main.java
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5      Write your code in this editor and press "Run" button to execute it.
6
7 ****
8
9  public class Main
10 {
11     public static void main(String[]args){
12         System.out.println("enter the number");
13         int a=40;
14         if(a%2==0)
15         {
16             System.out.println("even");
17         }
18         else
19         {
20             System.out.println("odd");
21         }
22     }
23 }
24 }
```

input

enter the number  
even

...Program finished with exit code 0  
Press ENTER to exit console.

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Main.java

```
2
3
4           Online Java Compiler.
5           Code, Compile, Run and Debug java program online.
6           Write your code in this editor and press "Run" button to execute it.
7 ****
8+ import java.util.Scanner;
9 public class Main
10 {
11     public static void main(String[] args) {
12         Scanner sc=new Scanner(System.in);
13         System.out.println("enter a number");
14         int a =sc.nextInt();
15         if(a%5==0)
16         {
17             System.out.println("hello");
18         }
19         else
20         {
21             System.out.println("bye");
22         }
23     }
24 }
```

input

```
enter a number
5
hello

...Program finished with exit code 0
Press ENTER to exit console.
```

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Main.java

```
2
3
4           Online Java Compiler.
5           Code, Compile, Run and Debug java program online.
6           Write your code in this editor and press "Run" button to execute it.
7 ****
8+ import java.util.Scanner;
9 public class Main
10 {
11     public static void main(String[] args) {
12         Scanner sc=new Scanner(System.in);
13         System.out.println("enter a number");
14         int a =sc.nextInt();
15         if(a%7==0)
16         {
17             System.out.println("divisible by 7");
18         }
19         else
20         {
21             System.out.println("not divisible");
22         }
23     }
24 }
```

input

```
enter a number
7
divisible by 7

...Program finished with exit code 0
Press ENTER to exit console.
```

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Main.java

```
1 ****
2 import java.util.Scanner;
3 public class Main
4 {
5     public static void main(String[] args) {
6         Scanner sc=new Scanner(System.in);
7         System.out.println("enter a number");
8         int units =sc.nextInt();
9         if(units <=100)
10        {
11            System.out.println("0 is the total charge");
12        }
13        else if(units >100 && units <=200)
14        {
15            System.out.println((units-100)*5+"is the total charge ");
16        }
17        else
18        {
19            System.out.println((units-200)*10+"is the total charge");
20        }
21    }
22 }
23
24
25 }
```

input

```
enter a number
300
1000is the total charge
```

...Program finished with exit code 0  
Press ENTER to exit console.

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Main.java

```
1 ****
2
3             Online Java Compiler.
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5             Write your code in this editor and press "Run" button to execute it.
6
7 ****
8 import java.util.Scanner;
9 public class Main
10 {
11     public static void main(String[] args) {
12         Scanner sc=new Scanner(System.in);
13         System.out.println("enter a number");
14         int digitSum=sc.nextInt();
15         if(digitSum%3==0)
16         {
17             System.out.println("the last digit divisible by 3");
18         }
19         else
20         {
21             System.out.println("the last digit not divisible by 3");
22         }
23     }
24 }
```

input

```
enter a number
27
the last digit divisible by 3
```

...Program finished with exit code 0  
Press ENTER to exit console.

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Main.java

```
public static void main(String[] args) {
    Scanner sc=new Scanner(System.in);
    System.out.println("percentage & grade");
    int a=sc.nextInt();
    if(a>90)
    {
        System.out.println("grade A");
    }
    else if(a>80 && a<=90)
    {
        System.out.println("grade B");
    }
    else if(a>60 && a<=80)
    {
        System.out.println("grade C");
    }
    else if(a<60)
    {
        System.out.println("grade D");
    }
    else
    {
        System.out.println("no grade");
    }
}
```

percentage & grade  
95  
grade A

...Program finished with exit code 0  
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Main.java

```
import java.util.Scanner;
public class Main
{
    public static void main(String[] args) {
        Scanner sc=new Scanner(System.in);
        System.out.println("name of the day");
        int a=sc.nextInt();
        String daysname;
        switch(a)
        {
            case 1:
                System.out.println(daysname="sunday");
                break;
            case 2:
                System.out.println(daysname="monday");
                break;
            case 3:
                System.out.println(daysname="tuesday");
                break;
            case 4:
                System.out.println(daysname="wednesday");
                break;
            case 5:
                System.out.println(daysname="friday");
                break;
        }
    }
}
```

name of the day  
6  
friday

...Program finished with exit code 0  
Press ENTER to exit console.

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```
Main.java : 21 case 2: 22 System.out.println(dayname="monday"); 23 break; 24 case 3: 25 System.out.println(dayname="tuesday"); 26 break; 27 case 4: 28 System.out.println(dayname="wednesday"); 29 break; 30 case 5: 31 System.out.println(dayname="thursday"); 32 break; 33 case 6: 34 System.out.println(dayname="friday"); 35 break; 36 case 7: 37 System.out.println(dayname="saturday"); 38 break; 39 default: 40 System.out.println("no days"); 41 } 42 } 43 } 44 }
```

input

```
name of the day
6
friday
```

...Program finished with exit code 0  
Press ENTER to exit console.

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7 \*\*\*\*
8 import java.util.Scanner;
9 public class Main
10 {
11 public static void main(String[] args) {
12 Scanner sc=new Scanner(System.in);
13 System.out.println("enter the month number from 1to 12(1=jan, and 12=dec");
14 int month=sc.nextInt();
15 if(month==1 || month==3 || month==5 || month==7 || month==8 || month==10 || month==12)
16 {
17 System.out.println("31 days in month");
18 }
19 else if(month==4 || month==6 || month==9 || month==11)
20 {
21 System.out.println("30 days in month");
22 }
23 else if(month==2)
24 {
25 System.out.println("28 or 29 days in month");
26 }
27 else
28 {
29 System.out.println("no days in month");
30 }
31 }
32 }

input

```
enter the month number from 1to 12(1=jan, and 12=dec
11
30 days in month
```

...Program finished with exit code 0  
Press ENTER to exit console.

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Main.java

```
2
3
4           |          Online Java Compiler.
5           |          Code, Compile, Run and Debug java program online.
6           |          Write your code in this editor and press "Run" button to execute it.
7 ****
8+ import java.util.Scanner;
9 public class Main
10 {
11     public static void main(String[] args) {
12         Scanner sc=new Scanner(System.in);
13         System.out.println("enter age");
14         int a=sc.nextInt();
15         if(a>=60)
16         {
17             System.out.println("senior citizen");
18         }
19         else
20         {
21             System.out.println("not a senior citizen");
22         }
23     }
24 }
```

input

```
enter age
80
senior citizen
```

...Program finished with exit code 0  
Press ENTER to exit console.

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Main.java

```
2
3
4           |          Online Java Compiler.
5           |          Code, Compile, Run and Debug java program online.
6           |          Write your code in this editor and press "Run" button to execute it.
7 ****
8+ import java.util.Scanner;
9 public class Main
10 {
11     public static void main(String[] args) {
12         Scanner sc=new Scanner(System.in);
13         System.out.println("enter number");
14         int a=sc.nextInt();
15         if(a%2==0 && a%3==0)
16         {
17             System.out.println("divisible");
18         }
19         else
20         {
21             System.out.println("not divisible");
22         }
23     }
24 }
```

input

```
enter number
6
divisible
```

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```
10+
11+     public static void main(String[] args) {
12+         Scanner sc=new Scanner(System.in);
13+         System.out.println("enter the number");
14+         int h=sc.nextInt();
15+         int r=sc.nextInt();
16+         int s=sc.nextInt();
17+         if(h>r && h>s)
18+         {
19+             System.out.println("h is larger");
20+         }
21+         else if(r>s && r>h)
22+         {
23+             System.out.println("r is larger");
24+         }
25+         else if(s>h && s>r)
26+         {
27+             System.out.println("s is larger");
28+         }
29+         else
30+         {
31+             System.out.println("no value");
32+         }

```

input

```
enter the number
88
45
67
h is larger
```

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```
5+ write your code in this editor and press "Run" button to execute it.
6+
7+ ****
8+ import java.util.Scanner;
9+ public class Main
10+{
11+    public static void main(String[] args) {
12+        Scanner sc=new Scanner(System.in);
13+        System.out.println("enter total working days");
14+        int work=sc.nextInt();
15+        System.out.println("enter total absents");
16+        int absent=sc.nextInt();
17+        double percentage=((work-absent)*100);
18+        if(percentage>75)
19+        {
20+            System.out.println("eligible for exam");
21+        }
22+        else
23+        {
24+            System.out.println("not eligible for exam");
25+        }
26+
27+    }

```

input

```
enter total working days
100
enter total absents
20
eligible for exam
```

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8 import java.util.Scanner;  
9 public class Main  
10 {  
11 public static void main(String[] args) {  
12 Scanner sc=new Scanner(System.in);  
13 System.out.println("marks & grades");  
14 int x=sc.nextInt();  
15 if(x<=25)  
16 {  
17 System.out.println("grade D");  
18 }  
19 else if(x>=25&&x<=45)  
20 {  
21 System.out.println("grade C");  
22 }  
23 else if(x>=45&&x<=50)  
24 {  
25 System.out.println("grade B");  
26 }  
27 else if(x>=50&&x<=60)  
28 {  
29 System.out.println("grade B+");  
30 }  
31 else if(x>=60&&x<=80)  
32 {  
33 System.out.println("grade A");  
34 }  
35 else if(x>=80)  
36 {  
37 System.out.println("grade A+");  
38 }  
39 else  
40 {  
41 System.out.println("no grade");  
42 }  
43 }  
44 }

marks & grades  
85  
grade A+

input

...Program finished with exit code 0  
Press ENTER to exit console.

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8 import java.util.Scanner;  
9 public class Main  
10 {  
11 public static void main(String[] args) {  
12 Scanner sc=new Scanner(System.in);  
13 System.out.println("marks & grades");  
14 int x=sc.nextInt();  
15 if(x<=25)  
16 {  
17 System.out.println("grade D");  
18 }  
19 else if(x>=25&&x<=45)  
20 {  
21 System.out.println("grade C");  
22 }  
23 else if(x>=45&&x<=50)  
24 {  
25 System.out.println("grade B");  
26 }  
27 else if(x>=50&&x<=60)  
28 {  
29 System.out.println("grade B+");  
30 }  
31 else if(x>=60&&x<=80)  
32 {  
33 System.out.println("grade A");  
34 }  
35 else if(x>=80)  
36 {  
37 System.out.println("grade A+");  
38 }  
39 else  
40 {  
41 System.out.println("no grade");  
42 }  
43 }  
44 }

marks & grades  
85  
grade A+

input

...Program finished with exit code 0  
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Call Stack

Local Variables

Registers

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percentage  
95  
excellent

input

```
import java.util.Scanner;
public class Main
{
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        System.out.println("percentage");
        int a=sc.nextInt();
        if(a<40)
        {
            System.out.println("failed");
        }
        else if(a>=40 && a<50)
        {
            System.out.println("fair");
        }
        else if(a>=55 && a<65)
        {
            System.out.println("good");
        }
        else if(a>=65)
        {
            System.out.println("excellent");
        }
        else
        {
            System.out.println("no grade");
        }
    }
}
```

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enter first side of triangle  
80  
enter second side of triangle  
80  
enter third side of triangle  
80  
equilateral triangle

input

```
import java.util.Scanner;
public class Main
{
    public static void main(String[] args) {
        Scanner sc=new Scanner(System.in);
        System.out.println("enter first side of triangle");
        int s1=sc.nextInt();
        System.out.println("enter second side of triangle");
        int s2=sc.nextInt();
        System.out.println("enter third side of triangle");
        int s3=sc.nextInt();
        if(s1==s2 && s2==s3)
        {
            System.out.println("equilateral triangle");
        }
        else if((s1!=s2 && s2==s3) || (s2!=s3 && s3==s1) || (s3!=s1 && s1==s2))
        {
            System.out.println("isosceles triangle");
        }
        else if((s1!=s2 && s2!=s3 && s3!=s1))
        {
            System.out.println("scalene triangle");
        }
        else
        {
            System.out.println("no triangle");
        }
    }
}
```

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