

Problem 1:




```
Console X
<terminated> AreaOfCircle [Java Application] C:\Users\001080969\Desktop\eclipse\plugins\org.
Enter radius: 200
Circle with radius: 200.0 has an area of: 125663.70614359173
```

Problem 2:


Option 1:



```
Console X
<terminated> BiggestOfThree [Java Application] C:\Users\001080969\Desktop
Enter 3 numbers to find the largest:
100
20
10
The numbers entered were: 100, 20, 10
Press 1 for code logic written using if only
Press 2 for code logic written using nested if
Press 3 for code logic written using if else only
Press 4 for code logic written using else if ladder
Enter your choice:
1
Your choice: 1
code logic written using if only
Largest number is 100
```



```
Console X
<terminated> BiggestOfThree [Java Application] C:\Users\001080969\Desktop\
Enter 3 numbers to find the largest:
20
100
10
The numbers entered were: 20, 100, 10
Press 1 for code logic written using if only
Press 2 for code logic written using nested if
Press 3 for code logic written using if else only
Press 4 for code logic written using else if ladder
Enter your choice:
1
your choice: 1
code logic written using if only
Largest number is 100
```



```
Console X
<terminated> BiggestOfThree [Java Application] C:\Users\001080969\Desktop\
Enter 3 numbers to find the largest:
10
20
100
The numbers entered were: 10, 20, 100
Press 1 for code logic written using if only
Press 2 for code logic written using nested if
Press 3 for code logic written using if else only
Press 4 for code logic written using else if ladder
Enter your choice:
1
your choice: 1
code logic written using if only
Largest number is 100
```

Option 2:



```
Console X
<terminated> BiggestOfThree [Java Application] C:\Users\001080969\Deskt
Enter 3 numbers to find the largest:
100
20
10
The numbers entered were: 100, 20, 10
Press 1 for code logic written using if only
Press 2 for code logic written using nested if
Press 3 for code logic written using if else only
Press 4 for code logic written using else if ladder
Enter your choice:
2
your choice: 2
code logic written using nested if
Largest number is 100
```



```
Console X
<terminated> BiggestOfThree [Java Application] C:\Users\001080969\Des
Enter 3 numbers to find the largest:
20
100
10
The numbers entered were: 20, 100, 10
Press 1 for code logic written using if only
Press 2 for code logic written using nested if
Press 3 for code logic written using if else only
Press 4 for code logic written using else if ladder
Enter your choice:
2
your choice: 2
code logic written using nested if
Largest number is 100
```







```
Console X
<terminated> BiggestOfThree [Java Application] C:\Users\001080969\Desktop
Enter 3 numbers to find the largest:
10
20
100
The numbers entered were: 10, 20, 100
Press 1 for code logic written using if only
Press 2 for code logic written using nested if
Press 3 for code logic written using if else only
Press 4 for code logic written using else if ladder
Enter your choice:
2
your choice: 2
code logic written using nested if
Largest number is 100
```

Option 3:



```
Console X
<terminated> BiggestOfThree [Java Application] C:\Users\001080969\Desktop\ec
Enter 3 numbers to find the largest:
100
20
10
The numbers entered were: 100, 20, 10
Press 1 for code logic written using if only
Press 2 for code logic written using nested if
Press 3 for code logic written using if else only
Press 4 for code logic written using else if ladder
Enter your choice:
3
your choice: 3
code logic using if else only
Largest number is 100
```


 Console X
<terminated> BiggestOfThree [Java Application] C:\Users\001080969\Desktop\ec
Enter 3 numbers to find the largest:
20
100
10
The numbers entered were: 20, 100, 10
Press 1 for code logic written using if only
Press 2 for code logic written using nested if
Press 3 for code logic written using if else only
Press 4 for code logic written using else if ladder
Enter your choice:
3
your choice: 3
code logic using if else only
Largest number is 100
 Console X
<terminated> BiggestOfThree [Java Application] C:\Users\001080969\Desktop\ec
Enter 3 numbers to find the largest:
10
20
100
The numbers entered were: 10, 20, 100
Press 1 for code logic written using if only
Press 2 for code logic written using nested if
Press 3 for code logic written using if else only
Press 4 for code logic written using else if ladder
Enter your choice:
3
your choice: 3
code logic using if else only
Largest number is 100


Option 4:




```
Console X
<terminated> BiggestOfThree [Java Application] C:\Users\001080969\Desktop
Enter 3 numbers to find the largest:
100
20
10
The numbers entered were: 100, 20, 10
Press 1 for code logic written using if only
Press 2 for code logic written using nested if
Press 3 for code logic written using if else only
Press 4 for code logic written using else if ladder
Enter your choice:
4
your choice: 4
code logic using else if ladder
Largest number is 100
```



```
Console X
<terminated> BiggestOfThree [Java Application] C:\Users\001080969\Desktop
Enter 3 numbers to find the largest:
10
200
20
The numbers entered were: 10, 200, 20
Press 1 for code logic written using if only
Press 2 for code logic written using nested if
Press 3 for code logic written using if else only
Press 4 for code logic written using else if ladder
Enter your choice:
4
your choice: 4
code logic using else if ladder
Largest number is 200
```



```
Console X
<terminated> BiggestOfThree [Java Application] C:\Users\001080969\Desktop\cliq
Enter 3 numbers to find the largest:
102
20
500
The numbers entered were: 102, 20, 500
Press 1 for code logic written using if only
Press 2 for code logic written using nested if
Press 3 for code logic written using if else only
Press 4 for code logic written using else if ladder
Enter your choice:
4
your choice: 4
code logic using else if ladder
Largest number is 500
```



```
Console X
<terminated> BiggestOfThree [Java Application] C:\Users\001080969\Desktop\cliq
Enter 3 numbers to find the largest:
100
200
320
The numbers entered were: 100, 200, 320
Press 1 for code logic written using if only
Press 2 for code logic written using nested if
Press 3 for code logic written using if else only
Press 4 for code logic written using else if ladder
Enter your choice:
5
your choice: 5
invalid choice womp womp
```

Problem 3:



Console X

<terminated> DemoClassStaticMethod [Java Application] C:\Users\001080969\Desktop\eclipse

Press 1. to finds the sum of n natural numbers and its average

Press 2. to show the multiplication table of a number n.

Enter your choice:

1

1selected...

Enter how many natural numbers need to be generated:

11

11 natural numbers...

Sum: 66 avg: 6.0



Console X

<terminated> DemoClassStaticMethod [Java Application] C:\Users\001080969\Desktop\ecli

Press 1. to finds the sum of n natural numbers and its average

Press 2. to show the multiplication table of a number n.

Enter your choice:

2

2selected...

Enter how many multiplication tables to generate:

3

1 * 1 = 1

2 * 1 = 2

3 * 1 = 3

4 * 1 = 4

5 * 1 = 5

6 * 1 = 6

7 * 1 = 7

8 * 1 = 8

9 * 1 = 9

10 * 1 = 10

1 * 2 = 2

2 * 2 = 4

3 * 2 = 6

4 * 2 = 8

5 * 2 = 10

6 * 2 = 12

7 * 2 = 14

8 * 2 = 16

9 * 2 = 18

10 * 2 = 20

1 * 3 = 3

2 * 3 = 6

3 * 3 = 9

4 * 3 = 12

5 * 3 = 15

6 * 3 = 18

7 * 3 = 21

8 * 3 = 24

9 * 3 = 27

10 * 3 = 30



Console X

<terminated> DemoClassStaticMethod [Java Application] C:\Users\001080969\Desktop\eclipse\

Press 1. to finds the sum of n natural numbers and its average

Press 2. to show the multiplication table of a number n.

Enter your choice:

3

3selected...

invalid choice silly