1. Write a code for accepting three numbers and display the lowest number out of three numbers.

2. Write a code to accept student Details like (StudentID, StudentName, StudentAge, Marks1, Marks2, Marks3)

   Calculate Total and Percentage. If percentage is greater than 50 then display "PASS" else display "FAIL".

3. Write a function to get grade of 3 subject marks.
   Grade is based on average of 3 subject marks
      I.   Average>90 => A+
      II.   Average<90 and average>=80 => A
      III. Average<80 and average>=70 => A-
      IV.   Average<70 and average>=60 => B+
      V.   Average<60 and average>=50 => B
      VI.   Average<50 => FAIL

4. Write a function to get lucky number of given number
   a. Lucky number => sum of individual digits of given number
   b. If the sum is more than 9, again do sum of individual digits of this sum.
      i. i/p : 12345 => 6 (i.e., 1+2+3+4+5 = 15, 1+5 = 6)

5. Write a code for accepting a number and display the multiplication table of the given number.

6. Write a code for accepting three numbers and display the lowest number out of three numbers.

7. MCQ Questions:

1.	A Java source code file can't have
	Select the right answer: A) Ten non-public classes. B) Only one public class. C) Two package statements. D) One import statement. E) Two methods with same name

2.

```
Given
1.      class Program {
2.      public static void main(String[] args){
3.              byte i=1,j=1;
4.                      while (i==3 && j<5) {
5.                              System.out.print (i +" "+j+" ");
6.                              i++;
7.                              j+=2;
8.                      }
9.          }
10.     }
What is the output?
```

Select the right answer:
A) 0 0 1 2 3 4
B) 0 0 1 1 2 2 3 3
C) No output
D) Compilation fails
E) An Exception

3.

```
Consider following code segment
1.      class  Program{
2.              public static void main(String[] args){
3.                      int i=1;
4.                      for(; ;){          .
5.                      }
6.              }
7.      }
What is the output?
```

Select the right answer:
A) Repeats infinite loop
B) Compile Error
C) Runtime Error
D) Program terminates immediately

4.

Given

```
1.      public class Program {
2.              public static void main(String[] args){
3.                      int k = 3;
4.                      do{
5.                              System.out.print(k+" ");
6.                      }while(--k >0);
7.              }
8.      }
```

What is the output?

Select the right answer:
A) 2 1 0
B) 1 2 3
C) 3 2 1
D) 0 1 2
E) 2 1 0 -1

5.

Given

```
1.      class Program{
2.              public static void main(String args[]){
3.                      int x=10;
4.                      do {
5.
6.                              if(x-->2){
7.                                      break;
8.                              .        System.out.print( x+"  ");
9.                              }
10.                     }while(x>5);
11.             }
12.     }
```

What is the output?

Select the right answer:
A) 9 8 7 6
B) 9 8 7 6 5
C) 9 8
D) 1 2 3
E) Compilation fails.

<table>
<tr><td>6.</td><td>

```
Given
1.      public class Program{
2.              public static void main(String[] args){
3.
4.                      int x = 1 * 2  +  3 * 4 -5;
5.                      int y = 1 * 2  +  3 * (4 -5);
6.                      System.out.println(y+x);
7.              }
8.      }
What is the result?
```

Select the right answer:
A) 18
B) -2
C) 9
D) 8
E) Compilation fails.

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<tr><td>7.</td><td>

```
Given
1.      class Program{
2.              public static void main(String args[]){
3.                      int y = Integer.parseInt(args[1]);
4.                      System.out.print(y);
5.              }
6.      }
Which of the following invokes will result a arrayindexoutofboundsexception?
```

Select the right answer:
A) java Program 1 2 3
B) java Program A c 1 2
C) java Program 1
D) java Program 10 A
E) None of above

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<tr><td>8.</td><td>

```
Which of the following exception thrown by the JVM when code uses an negative array size
for creating an array?
```

Select the right answer:
A) NullPointerException
B) NumberFormatException
C) IllegalArgumentException
D) NegativeArraySizeException
E) ArrayIndexOutOfBoundsException

</td></tr>
<tr><td>9.</td><td>

Which of the following will compile successfully?
Select the right answer:
A) for(int j = 0,int k=5; j < k; k--) ;
B) for(;;System.out.print("a")) ;
C) for();

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</table>

D) for(int k = 10; k--; k>0) ;
E) None of above.

10.

```
Given
1.      public class Program{
2.              public static void main(String[] args) {
3.
4.                      for(int j = 0,k=5; j < k; k--) ;
5.                      for(int j = 0; j++ < 3;) ;
6.                      for(int i = 0; i < 5; i++, System.out.print(i + ".go ")) ;
7.
8.              }
9.      }

What will be the result?
```

Select the right answer:
A) 1.go 2.go 3.go 4.go 5.go
B) 0.go 1.go 2.go 3.go 4.go 5.go
C) An exception is thrown at runtime.
D) Compilation fails due to an error on line 6.
E) Compilation fails due to multiple errors

11.

```
Given
1.      import java.time.LocalDate;
2.
3.      public class OCAJP{
4.              public static void main(String[] args){
5.                      LocalDate date = LocalDate.of(2015, 1, 20);
6.                      System.out.println(date);
7.              }
8.      }

Which of the following could be the output?
```

Select the right answer:
A) 2015-01-20
B) 2015-12-20
C) 2014-12-20
D) Compilation fails.
E) DateTimeException will be thrown.

12.	Which is of the following can appear before the package statements in a java file?
	Select the right answer: A) Comments. B) Another package statement. C) Class statements and/or comments D) Lambda expression. E) Any of above