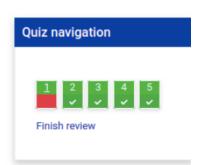
Dashboard / Java / Classes and Objects, Packages / Test your understanding - static

Started on	Monday, 24 February 2020, 1:56 AM
State	Finished
Completed on	Monday, 24 February 2020, 1:59 AM
Time taken	3 mins 3 secs
Marks	4.00/5.00
Grade	80.00 out of 100.00
Feedback	Congratulations!!! You have passed by securing more than 80%



Question 1

Mark 0.00 out of 1.00

question

Incorrect

Static method can be invoked either by using the object instance or using the class name.

The correct answers are: Test.display();, new Test().display();

Question 2

Correct

```
Observe the code :
public class Employee {
   String name;
```

```
out of 1.00

Flag
question
```

```
static int employeeCount;
  //Line 1
Which of the following code can be included in Line 1?
Select one or more:

    a.

   public void display(){
        System.out.println("Employee Name"+name);
   } •
 public static void display(){
        System.out.println("Employee count "+employeeCount);
   } 🗸
□ c.
   public static void display() {
        System.out.println("Employee Name"+name);
 public void display(){
        System.out.println("Employee count "+employeeCount);
   } •
```

Question 3

Correct

Mark 1.00 out of 1.00

Flag question

```
Choose the correct option :

public class Flight{

int flightId;

static int noOfSeats;

public static void display(){

System.out.println("No of seats "+noOfSeats); 

**
```

```
Non static members cannot be accessed from static methods. If we want to access non static members from a static method it is possible by creating an object. Hence, only "noofSeats" can be accessed, not "flightid".

The correct answer is:
Choose the correct option:
public class Flight{
    int flightid;
    static int noofSeats;
    public static void display(){
        [System.out.println("No of seats "+noofSeats):]
    }
}
```

Question 4

Correct

Mark 1.00 out of 1.00

F Flag question

Your answer is correct.

The correct answer is: non static method \rightarrow Can access both static and non static members, static method \rightarrow Can access static members only

Question **5**

Correct

Mark 1.00 out of 1.00

▼ Flag

```
Observe the below code

public class Product

{
    int productId;
    String productName;
    static int count = 0;
```

```
Statio int count - 0,
  public Product(int pid,String name){
     productId = pid;
     productName=name;
     count++;
  public static void main(String arg[]){
     Product p1=new Product(101,"Screws");
      System.out.println("Count is "+Product.count);
     Product p2=new Product(102,"Nuts");
     Product p3=new Product(103,"Nails");
       System.out.println("Count is "+p3.count);
Drag and drop the options correctly so that the output will be
Count is 1
Count is 3
```

```
The value of the static count variable is incremented by 1 after each object creation. So a simple print statement displaying count would suffice.

The correct answer is:

Observe the below code

public class Product
{

    int productId;

    String productName;

    static int count = 0;

public Product(int pid,String name){
    productId = pid;
    productName=name;
    count++;
}
```

```
public static void main(String arg[]){

Product p1=new Product(101, Screws*);

[System.out.println("Count is "+Product.count);]

Product p2=new Product(102, Nuts*);

Product p3=new Product(103, Nails*);

[System.out.println("Count is "+p3.count);]

}

Drag and drop the options correctly so that the output will be

Count is 1

Count is 3
```

Finish review



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