

Classes and Methods

QUIZ

```
public class Number {  
  private int x;
```

```
  public Number()  
  {  
    //System.out.println("I am in default constructor");  
    x++;  
  }  
}
```

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

```
  Number n1=new Number();  
  Number n2=new Number();  
  Number n3=new Number();
```

```
  System.out.println(n1.x);  
  System.out.println(n2.x);  
  System.out.println(n3.x);  
}  
}
```

1

1

1

```
public class Number {  
private int x;
```

```
public Number()  
{  
//System.out.println("I am in default constructor");  
x++;  
}
```

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

```
Number n1=new Number();  
Number n2=new Number();  
Number n3=new Number();
```

```
System.out.println(n1.x);  
System.out.println(n2.x);  
System.out.println(n3.x);  
}  
} //output : 1 1 1
```

```
public class Number {  
private static int x;
```

```
public Number()  
{  
//System.out.println("I am in default constructor");  
x++;  
}
```

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

```
Number n1=new Number();  
Number n2=new Number();  
Number n3=new Number();
```

```
System.out.println(n1.x);  
System.out.println(n2.x);  
System.out.println(n3.x);  
}  
}
```

3

n1

n2

n3

```
public class Number {  
private static int x;
```

```
public Number()  
{  
//System.out.println("I am in default constructor");  
x++;  
}
```

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

```
    Number n1=new Number();  
    Number n2=new Number();  
    Number n3=new Number();
```

```
    System.out.println(n1.x);  
    System.out.println(n2.x);  
    System.out.println(n3.x);  
}  
}  
/*3 3 3*/
```

```
public class Number {  
int x;
```

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

```
System.out.println(x);
```

```
}
```

```
}
```

```
public class Number {  
int x;
```

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

```
System.out.println(x);
```

```
}
```

```
}
```

```
//compilation fails
```

```
public class Number  
{  
public static double add(double f1,double f2)  
{  
return f1+f2;  
}
```

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

```
System.out.println(add(5,6));  
}  
}
```

Options:

- A compilation fails
- B prints 11
- C runtime error


```
public class Number
{
    public static double add(double f1,double f2)
    {
        return f1+f2;
    }
}
```

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

```
    System.out.println(add(5,6));
}
}
```

Options:

- A compilation fails
- B prints 11**
- C runtime error

```
public class Number  
{  
public static double add(float f1,float f2)  
{  
return f1+f2;  
}  
  
public static void main(String[] args) {  
  
System.out.println(add(5.0,6.0)); // double  
}  
}
```

```
public class Number
```

```
{
```

```
public static double add(float f1,float f2)
```

```
{
```

```
return f1+f2;
```

```
}
```

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

```
System.out.println(add(5.0,6.0)); // add(5.0f,6.0f)
```

```
}
```

```
}
```

```
// compilation fails
```