Q1

```
class Demo
{
    int p = 10;

    public void doSomeWork(int p)
    {
        sysout(p)
    }

}

assume below code is valid & error free
obj.doSomeWork(100);

What will happen if u compile below code
```

Q2

```
class Demo
{
    int x = 10;

    public static void main(String args[])
    {
        int y = x+30;

    }

}
```

what code fragment you should change & add in order to compile it.

```
class Demo
{
    int x = 10;

    public int doAction(int x,String s)
    {
        int value = x+s.length();
    }

    public static void main(String args[])
    {
        // write code to call doAction
        sysout("Length value is "+m); // cannot change this line

    }

}
```

```
class Customer
{
   private int amount;


}

class CustomerController
{
   public int voidCashBack()
   {
       /*
           if customer.amount is > 1000
   then customer will get 5% cashback
       */

    }
}
```

```
class MainClass
{
  main()
  {
     Customer c = new Customer();
     c.setAmount(2500);

      /*Write a code to
        print cashback amount
    */

  }
}
```

```
class Demo
{
    int count = 0;
    public void doThings()
    {
        public void someAction()
        {
            sysout("some action called"+(count++));
            doThings();
            if(count == 5)break;
        }
    }

}

class MainClass
{
    main()
    {
        Demo d = new Demo();
        d.someAction();
    }
}
```

```
//-------------------------------------------------------
class Demo
{
    String smallString;
    void action(String str2,int x,int b)
    {
        //--- method should get substring &
        // store the value in such a way so
        // that doPrint() will give correct output
    }

    public void doPrint()
    {
        sysout(smallString);
    }
}

//-------------------------------------------------------
```

```
class Demo
{


}
Demo d = new Demo(14.6f,"Example");
```

Q : write code , so that object creation of Demo class executes correctly.

```
// ------------------------------------------------

class Demo
{
    Demo(int x,int p,float f)
    {

    }
    Demo(int p , int z)
    {

    }

}

Demo d = new Demo();
// What will happen if u compile above code


//
```

```
//-----------------------------------

class MyClass
{
    int p;
    int x = 50;

    public void doSum()
    {
        sysout(p+x);
    }

}

new MyClass().doSum();
What will be the output?
//-----------------------------------
```

```
class MyClass
{
    int p;
    static int x = 50;

    public void doSum()
    {
        sysout(p+x);
    }

    public void doSomeAction()
    {
        x++;
        sysout(x*2);
    }

}
```

```
// ------------------------------------------------------

Write a code to call nextInt() in java.util.Random class

//------------------------------------------------------
```

```
class A
{
  //...
}
```

```
public void doSomeWork(int p,A a,int x)
{

}
```

```
class a
{

}
```

```
String b = obj.doSomeWork(100,____,100);
```

fill the black?

```
class Account
{

}

class Bank
{


}
```

```
class Work
{
   public Account getAccountFromBank(Bank bank,int accountNumber)
   {

   }
}

class App
{
   main()
   {
      // write code to call getAccountFromBank()
   }
}
```