



KALINGA INSTITUTE OF INDUSTRIAL TECHNOLOGY (KIIT)

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WT LAB -6

- Name : HITU RAJ
- Roll no. : 2005025
- Branch : CSE

// 1. WAP in java to create a class Faculty having members id, name, gender and a static member college="KIIT". Change the name of the college to "KIIT-SCE" and create, initialize and print the values of three objects

```
class staff {  
  
    int memid;  
    String name;  
    char gender;  
    static String clg = "KIIT";  
  
    static void change() {  
  
        clg = "KIIT-SCE";  
    }  
  
    void input() {  
  
        System.out.println("enter the id name and genger");  
    }  
}
```

```

    }

    void display() {
        System.out.println("");
        System.out.println(+memid + " & " + name + " & " + gender + " & " +
clg);
    }
}

public class ques1 {

    public static void main(String[] args) {

        staff a = new staff();
        staff b = new staff();
        staff c = new staff();

        a.memid = 111;
        a.name = "hitu";
        a.gender = 'M';

        b.memid = 114321;
        b.name = "heroo";
        b.gender = 'M';

        c.memid = 13211;
        c.name = "tonny";
        c.gender = 'M';

        staff.change();

        a.display();
        b.display();
        c.display();

    }
}

```

OUTPUT-1

```
PROBLEMS 9 OUTPUT DEBUG CONSOLE TERMINAL Code + v [] [] ^ X
Windows PowerShell
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ttps://aka.ms/PSWindows

PS D:\my codes\web tech lab\lab6_class> cd "d:\my codes\web tech l
ab\lab6_class\" ; if ($?) { javac ques1.java } ; if ($?) { java qu
es1 }

111 & hitu & M & KIIT-SCE

114321 & heroo & M & KIIT-SCE

13211 & tonny & M & KIIT-SCE
PS D:\my codes\web tech lab\lab6_class>
```

// 2. WAP to print "An object is created" everytime when you create an object of a class.

```
class displayobj {

    int i;

    displayobj()
    {
        System.out.println("AN OBJECT IS CREATED");
    }

    void display()
    {
        System.out.println("heloo");
    }
}

public class ques2 {

    public static void main(String[] args)
    {

        displayobj a = new displayobj();
        displayobj b = new displayobj();
        displayobj c = new displayobj();

        a.display();
```

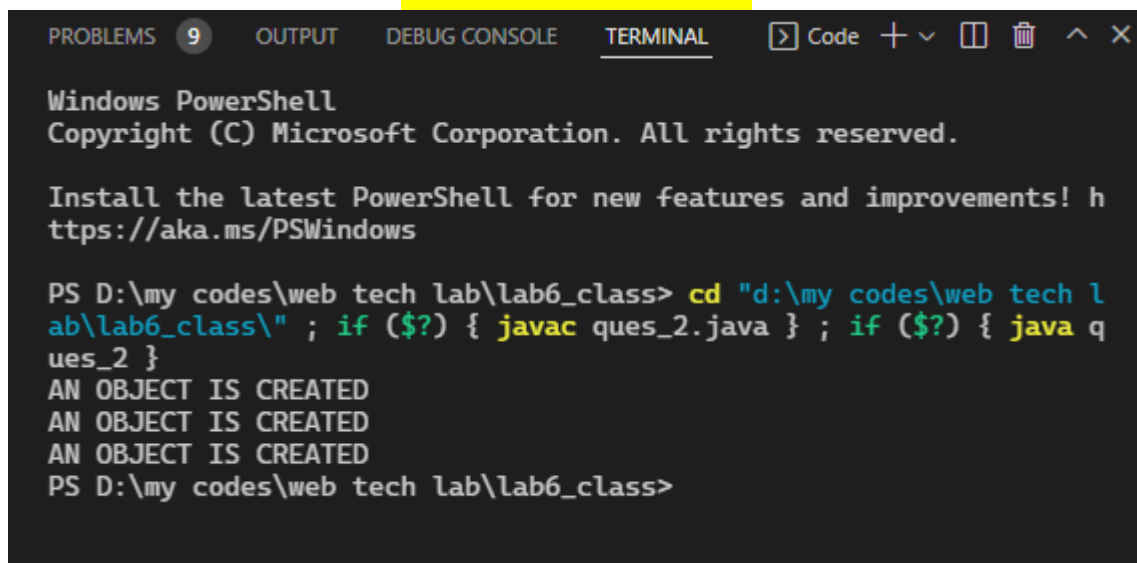
```

        b.display();
        c.display();

    }
}

```

OUTPUT-2



```

PROBLEMS 9 OUTPUT DEBUG CONSOLE TERMINAL Code + - [] [X]
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PS D:\my codes\web tech lab\lab6_class> cd "d:\my codes\web tech lab\lab6_class\" ; if ($?) { javac ques_2.java } ; if ($?) { java ques_2 }
AN OBJECT IS CREATED
AN OBJECT IS CREATED
AN OBJECT IS CREATED
PS D:\my codes\web tech lab\lab6_class>

```

```

// 3. WAP to print "This is th object created" when an object will be created
(Note: it will print the no. of object created, hint: parameterized constructor)
class display{

static int i=0;

display()
{
    i++;
    System.out.println( i +"object created" );
}
}

public class ques3
{
    public static void main(String[] args)
    {

        display a = new display();
    }
}

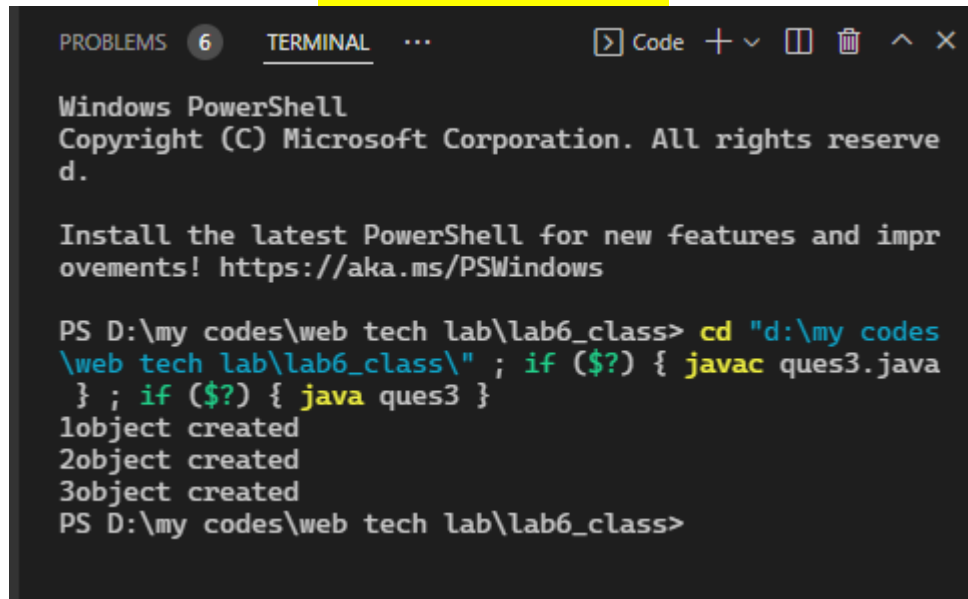
```

```
display b = new display();
display c = new display();

}

}
```

OUTPUT-3



```
PROBLEMS 6 TERMINAL ... Code + - [ ] [X] ^ X

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PS D:\my codes\web tech lab\lab6_class> cd "d:\my codes
\web tech lab\lab6_class\" ; if ($?) { javac ques3.java
} ; if ($?) { java ques3 }
1object created
2object created
3object created
PS D:\my codes\web tech lab\lab6_class>
```

// 4. Initialize an integer array in java and print only those elements which are greater than 10.

```
public class ques4 {

    public static void main(String[] args) {

        int a[] = {4, 43,21,300,400,239}; // 1ST METHOD TO DECLARE AARRAY

        // a[0] = 11;      2ND METHOD
        // a[1] = 1;
        // a[2] = 131;
        // a[3] = 141;
        // a[4] = 3;
        // a[5] = 001;
        // a[6] = 7;
        for (int i:a)
        {
            if (i > 10)
```

```
        System.out.println(i);  
    }  
}  
}
```

OUTPUT-4

```
PROBLEMS 6 OUTPUT TERMINAL ... Code + - [ ] [X] ^ X  
  
Windows PowerShell  
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PS D:\my codes\web tech lab\lab6_class> cd "d:\my codes  
web tech lab\lab6_class\" ; if ($?) { javac ques4.java  
} ; if ($?) { java ques4 }  
43  
21  
300  
400  
239  
PS D:\my codes\web tech lab\lab6_class>
```