

Assessment - I

2. class Main {

public static void main (String args []) {

int i=1;

for (int i=1; i<=5; i++);

{

for (int j=1; j<=i; j++);

{

sop (" ");

}

for (int k=1; k<=i; k++);

{

sop ("*");

}

}

}

3. Abstraction:

class Main {

public static void main (String args []);

{

Cat c1 = new Cat ();

c1.jump ();

Dog d1 = new Dog ();

d1.run ();

}

class Dog {

int weight = 10;

int height = 4;

void eat ()

{

sop ("Dog is eating");

}

void run ()

{

sop ("Dog is running");

}

}

class Cat extends Dog {

String name = "Jummy";

int weight = 5;

void jump ()

{

sop ("Cat is jumping");

}

void sleep ()

{

sop ("cat is sleeping");

}

}

interface:

```
class main {
```

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

```
    Main m1 = new Main ();
```

```
    m1.z ();
```

```
    Test t1 = new Test ();
```

```
    t1.c ();
```

```
}
```

```
}
```

```
class Test {
```

```
    int a = 10;
```

```
    int b = 20;
```

```
    int c = a + b;
```

```
    {  
        sop ("the value of c = " + c);
```

```
    }
```

```
} class main implements Test {
```

```
    int x = 30;
```

```
    int y = 40;
```

```
    int z = x + y;
```

```
    {
```

```
        sop ("the value of z = " + z);
```

```
    }
```

```
}
```

```
4. public class constructor {
```

```
    int a;
```

```
    float b;
```

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

```
    constructor c1 = new constructor ();
```

```
    {
```

```
        sop ("the value of a = " + a);
```

```
    }
```

```
    {
```

```
        sop ("the value of b = " + b);
```

```
    }
```

```
}
```

```
}
```

```
}
```

```
1. class Main {  
    public static void main (String args []);  
    {
```

```
        B B1 = new B ();
```

```
        B1.name ();
```

```
        A A1 = new A ();
```

```
        A1.location ();  
    }  
}
```

```
class A {
```

```
    int salary = 10000;
```

```
    int String location = "Razole";
```

```
    {  
        sop ("my location is = " + location);  
    }
```

```
}
```

```
class B extends A {
```

```
    int weight = 50kg;
```

```
    String name = "Ram";
```

```
    {  
        sop ("my weight is = " + weight);  
    }
```

```
}
```

```
}
```