

Variables MCQs:

1. What is the output of the program:

```
class Program1
{
    public static void main(String[] args)
    {
        int x=45;
        System.out.println(x);
        x=60;
        x=x+115;
        System.out.println(x);
        x=x-100;
        x=x+40;
        x=x*3;
        System.out.println(x);
    }
}
```

- a. 45, 180, 345
- b. 45, 280, 445
- c. 45, 175, 345
- d. 45, 175, 320
- e. none

2. What is the output of the program:

```
class Program1
{
    public static void main(String[] args)
    {
        int x=45;
        System.out.println(x);
        {
            Int y=56;
            System.out.println(y);
        }
        System.out.println(y);
    }
}
```

- a. 45, 56, 56 b. 45, 56, 45 c. Compile Time Error
d. none

3. Will this program compile and run successfully? If yes then write output:

```
class Program1
{
    public static void main(String[] args)
    {
        int x=40;
        System.out.println(x);
        {
            int a=60;
            System.out.println(x);
            System.out.println(a);
        }
        {
            int b=90;
            System.out.println(x);
            System.out.println(b);
        }
        System.out.println(x);
    }
}
```

4. Will this program compile and run successfully? If yes then write output:

```
class Program1
{
    public static void main(String[] args)
    {
        int x=40;
        System.out.println(x);
        {
            int a=60;
            System.out.println(x);
            System.out.println(a);
        }
        {
            int b=90;
            System.out.println(x);
            System.out.println(b);
        }
        System.out.println(x);
        System.out.println(a);
        System.out.println(b);
    }
}
```

5. What is the output of the program:

```
class Program1
{
    static int x=90;
    public static void main(String[] args)
    {
        int x;
        System.out.println(x);
    }
}
```

- a. 90 b. 0 c. CompileTimeError d. none

6. What is the output of the program:

```
class Program1
{
    static int x;
    public static void main(String[] args)
    {
        int x=70;
        System.out.println(x);
    }
}
```

- a. 0 b. 70 c. CompileTimeError d. none

7. What is the output of the program:

```
class Program1
{
    static int x=90;
    public static void main(String[] args)
    {
        System.out.println(x);
    }
}
```

- a. 90 b. 120 c. CompileTimeError d. none

8. What is the output of the program:

```
class Program1
{
    static int x=90;
    public static void main(String[] args)
    {
        Int x=200;
        x=130;
        System.out.println(x);
        System.out.println(Program1.x);
    }
}
```

- b. 130, 200 b. 200, 130
c. CompileTimeError d. 130, 90

9. What is the output of the program:

```
class Program1
{
    public static void main(String[] args)
    {
        int x=120;
        System.out.println(x);
        int x=80;
        System.out.println(x);
    }
}
```

- a. 120, 80 b. 80, 120 c. CompileTimeError
c. none

10. What is the output of the program:

```
class Program1
{
    public static void main(String[] args)
    {
        int x=80;
        System.out.println(x);
        int x=120;
    }
}
```

- a. 80 b. 120 c. CompileTimeError d. none

11. What is the output of the program:

```
class Program1
{
    public static void main(String[] args)
    {
        x=120;
        System.out.println(x);
    }
}
```

- b. 90 b. 120 c. CompileTimeError d. none

12. What is the output of the program:

```
class Program1
{
    public static void main(String[] args)
    {
        System.out.println(x);
        Int x=120;
    }
}
```


- c. 0 b. 120 c. CompileTimeError d. none

13. What will be the output of the following Java program?

```
Class Test{  
    public static void main(String[] args)  
    {  
        int x= 5;  
        {  
            int y = 6;  
        }  
        System.out.print(x);  
        System.out.println(y);  
    }  
}
```

- a) 5 6 b) 6 5 c) Runtime error
d) Compilation error

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