

Java - Printing(Output), variable , data types



Assignment Questions

Q1 – Take 2 integer values in two variables x and y and print their product

(Easy) Sample Input : x=2, y=4 (Both integers)

Sample Output : 8

```
public class main{  
    public static void main(String[] args){  
        int x=2;  
        int y=4;  
        System.out.println(x*y);  
    }  
}
```

Q2 – Print the ASCII value of character 'U'.

(Easy) Sample Input : already mentioned as 'U'

Sample Output : 85

```
public class asciivalue{
```

```
public static void main(String[] args){  
    // character whose ASCII value to be found  
    char ch='U';  
    int value=ch;  
    // variable that stores the integer value of the character  
    System.out.println("the ASCII value of "+ch+" is " +value);  
}  
}
```

Q3 - Write a Java program to take the length and breadth of a rectangle and print its area.

(Easy) Sample Input : 7, 4

Sample Output : 28

```
public class rectangle{  
    public static void main(String[] args){  
        int length=7;  
        int breadth=4;  
  
        int area =length*breadth;  
        System.out.println("area of rectangle is: "+area);  
    }  
}
```

Q4 - Write a Java program to calculate the cube of a number.

```
public class cube{  
  
    public static void main(String[] args){  
  
        int a=4;  
  
        int volume =a*a*a;  
  
        System.out.println("volume of the cube is: " +volume);  
    }  
}
```

```
}
```

```
}
```

(Easy) Sample Input : 4

Sample Output : 64

The sizeof(bool) : 1 bytes

(Hard)

Q5 - Write a Java program to swap two numbers with the help of a third variable.

```
public class swap{  
  
    public static void main(String[] args){  
  
        int x=2;  
  
        int y=3;  
  
        int t;  
  
        System.out.println("before swapping is: "+x+" "+y);  
  
  
        t=x;  
  
        x=y;  
  
        y=t;  
  
        System.out.println("after swapping is: "+x+" "+y );  
  
  
    }  
}
```

Sample Input : 2,3

Sample Output : 3,2

