**# pwskills\_java\_assigment**

**1] Java - Printing(Output), variable , data types**

Q1] <!-- 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 -->

CODE:

import java.util.Scanner;

public class Main {

public static void main(String[] args) {

Scanner scn = new Scanner(System.in);

int x = scn.nextInt();

int y = scn.nextInt();

int product=x\*y;

System.out.println(product);

}

}

Q2] <!-- Print the ASCII value of character ‘U’. (Easy) -->

<!-- Sample Input : already mentioned as ‘U’ -->

<!-- Sample Output : 85 -->

CODE:

import java.util.Scanner;

public class Main {

public static void main(String[] args) {

Scanner scn = new Scanner(System.in);

int x = 'U';

System.out.println(x);

}

}

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

CODE:

import java.util.Scanner;

public class Main {

public static void main(String[] args) {

Scanner scn = new Scanner(System.in);

int lenghth = scn.nextInt();

int breath = scn.nextInt();

int area=lenghth\*breath;

System.out.println(area);

}

}

Q4] Write a Java program to calculate the cube of a number. (Easy)

Sample Input : 4

Sample Output : 64

The sizeof(bool) : 1 bytes

CODE:

import java.util.Scanner;

public class Main {

public static void main(String[] args) {

Scanner scn = new Scanner(System.in);

int N = scn.nextInt();

int cube=N\*N\*N;

System.out.println(cube);

}

}

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

Sample Input : 2,3

Sample Output : 3,2

CODE:

import java.util.Scanner;

public class Main {

public static void main(String[] args) {

Scanner scn = new Scanner(System.in);

int x = scn.nextInt();

int y = scn.nextInt();

int temp=x;

x=y;

y=temp;

System.out.println(x+" "+y);

}

}