The Brigade School Revision worksheet 1 (2020-21)

Total points   20/20   ?

Class 10   Subject:Computer Applications   Part A(Marks: 4)

Email address *

mananmehtabatman@gmail.com

4 of 4 points

Name: *

Manan Y Mehta

School *

◉ TBSG

◯ TBSW

Question 1: What is output of the following code:
```
int[] x = {10, 12, 13};
for(int i = 0; i < x.length; i++)
System.out.print(x[i] + " ");
```

✓ *   2/2
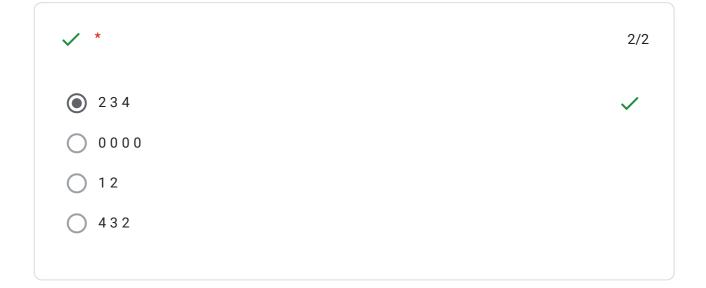
◉ 10 12 13   ✓

○ 101213

○ 12

○ 13

○ 10

○ error.

Question 2:
Determine output:
int[] a = { 2, 3, 4};
int[] b = a;
for(int i = 0; i < a.length; i++)
System.out.print(b[i] + " ");

✓ *   2/2

◉ 2 3 4   ✓

○ 0 0 0 0

○ 1 2

○ 4 3 2

Part B(Marks 10)   16 of 16 points

✓ Question 3: Define array. * 1/1

An array is a structure created in the memory to represent a number of values of same data type.
Eg : int a[] = new int [5];

✓ WAP to find the sum of all the elements of a SDA. * 15/15

```
import java.util.*;
class sum_sda
{
public static void main(String args[])
{
Scanner sc = new Scanner(System.in);
System.out.println("Enter the number of elements and then the elements");
int n=sc.nextInt();
int a[]=new int[n];
int sum = 0;
int i=0;
for (i=0;i<n;i++)
{
a[i]=sc.nextInt();
sum = sum + a[i];
}
System.out.println("The sum is = "+sum);
}
}
```

VARIABLE DESCRIPTION TABLE

VARIABLE'S NAME -- DATATYPE -- DESCRIPTION
sum -- int -- Stores the sum of the SDA.
a[] -- int -- SDA to store elements entered by the user.
n -- int -- Stores the number of elements.
i -- int -- Loop-variable

Google Forms