Introduction to Computer Science

Quiz 3

SECTION G

Thursday, 23rd October, 2014.

**TO SOLVE: Write the values of the variables in the boxes provided.**

|  |  |
| --- | --- |
| **int a=0;**  **intMakeStrange(int&x,int&y,int z)**  **{**  **x = x\*2;**  **y = y+2;**  **z = z+1;**  **a = a+3;**  **return x+y+z-10;**  **}** | **void VariablesChange(int&a,int&b,int&c,int&d)**  **{**  **a = 4;**  **b = 3;**  **c = 2;**  **d = 1;**  **}** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **a** | **b** | **c** | **d** |
| **int main()** |  |  |  |  |
| **{ int b=0,c=0,d=0;** | 0 | 0 | 0 | 0 |
| **VariablesChange(a,b,c,d);** | 4 | 3 | 2 | 1 |
| **d=MakeStrange(a,b,c);** | 11 | 5 | 2 | 9 |
| **VariablesChange(d,c,b,a);** | 1 | 2 | 3 | 4 |
| **d=MakeStrange(c,b,a);**  **}** | 4 | 4 | 6 | 2 |