**Q1. Write the pseudocode for the code below**

**int i;**

**int flag = 1;**

**for ( i= 0; i< 5 && flag; i++)**

**{**

**if (i==3){**

**flag =0;**

**}**

**printf("The value of I is: %d", i);**

**}**

Parnian

1. Start
2. Set i=0
3. Get i from user
4. If i <5
5. If i is not less than 5, go to step 3
6. Do i+1
7. Print “value of i is : ”
8. End

Abdella

Judy

Joyce

Tyler

Victor

Anthony

1. Start

2. Declare i as an integer

3. Set i to 0

4. Repeat the following steps while i is less than 5

    a. Print "The value of i is " combined with the value of i

    b. Increment i by 1

5. End

John

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**Q2. Write the output of the code below**

**int flag = 1;  
 for (int i = 0; i < 6 && flag == 1; i++)  
 {  
  printf(“I’m having coffee #%d of the day. I need sleep zzzzzz”, i);**

**if ( i == 3)**

**{**

**printf(“I think I should stop having more coffee for the day. I’m better. Maybe. “);  
 }**

**if (i == 4)  
 {**

**printf(“that’s it. I’m done!\n “);**

**flag = 0;**

**}**

**}**

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**Q3. Guess the number code:**

**Write a program in which a coder randomly selects a number and the user has to guess it. After each guess, the program should tell the player if the guess is  high,  low, or correct. Print the number of attempts they used. You must use flags in this code.**

**int randomNumber = 46;**