

Assignment

CSA0982 - JAVA PROGRAMMING

Debuggers:-

```
class CFG {  
    public static void main (String [] args) {  
        int [] arr = new int [5]; // create a new int array with  
                                // 5 elements.  
        arr [0] = 10;  
        arr [1] = 20;  
        arr [2] = 30;  
        arr [3] = 40;  
        arr [4] = 50; // set the value of the fifth element to 50  
        for (int i=0; i < arr.length; i++) {  
            System.out.println ("Element at index " + i + " : " + arr[i]);  
        }  
    }  
}
```

Output:-

```
Element at index 0 : 10  
Element at index 1 : 20  
Element at index 2 : 30  
Element at index 3 : 40  
Element at index 4 : 50
```


Interface.java :-

```
interface Square {  
    int calculate (int x);  
}
```

```
class debug-ai-interface {  
    public static void main (String [] args) {  
        Square s = (int x) -> x * x;  
        int a = 5;  
        int ans = s.calculate(a);  
        System.out.println(ans);  
    }  
}
```

Output:

25

Parent.java :-

```
class parent {  
    void show() {}  
}
```

```
{  
class child extends parent {  
    @Override  
    void show() {}  
}
```

```
{  
    public class Main {  
        public static void main (String [] args) {  
            }  
        }  
}
```