

## H.4

Lexical Scope: the area in which a variable can be used or called in is dependent on where it was created.

Indicați și explicați rezultatele obținute prin executarea următorului program Java:

```
class C{  
    public C(int i){  
        int x; x=i;  
    }  
    public void display_x(){  
        System.out.println(x);  
    }  
  
    public void display(int x){  
        System.out.println(x);  
    }  
  
    public void m(){  
        int x=100;  
        display_x();  
        display(x);  
    }  
  
    private int x=0;  
}
```

```
public class LexicalScope{  
    public static void main(String args[]){  
        C obj=new C(200);  
        obj.m();  
    }  
}
```

---