H.0

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();
        }
}
```