**יקיר מוזס**

**1.**

public class Main {

public static void main(String[] args) {

int n=3;

int sum=takeStairs(n);

System.out.println(sum);

}

public static int takeStairs(int n){

if (n>0) {

return n+takeStairs(n-1);

}else {

return 0;

}

}

}

**2.**

**public class Main {**

**public static void main(String[] args) {**

**int[] nums={0,0,0,0,0,0,0,0,0,0};**

**for (int i=0;i<10;i++){**

**nums[i]+=i\*i;**

**}**

**for (int i=0;i<10;i++){**

**System.out.println(nums[i]);**

**}**

**}**

**}**

**3.  
sum+=1.0/I;**

**4.**

!(s1.equals(s2))

**5.**

true , false

**6.**

**The function gets two numbers sums the X and X-1 until x-1==0**

**Then subtract the Y and y-1 until y==0**

**7.**

**Return;**