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Ce se afișează la rularea codului urmator?   
  
**public class** Person {

**private int** age;

**public** Person(int age){

**this**.age = age;

}

**public void** sayHi(){

**System.out.println**(“Hi! I am “ + this.age + “ years old.”);

}

**public void** sayHi(int howManyTimes) {

**for (int** i=0; i<howManyTimes; i++)

**this**.sayHi();

**}**

}  
  
**class** Boy **extends** Person {

**private** String name;

**public** Boy**(int** age**, String** name**){**

**super**(age);

**this**.name = name;

**}**

@Override

**public void** sayHi(){

**super**.sayHi();

**System.out.println**(“Also my name is “ + this.name);

}

}  
  
**public class** Ex2 {  
 **public static void** main(String[] args) {  
 **Person** boy = new Boy(12, “Mihai”);

boy.sayHi();

boy.sayHi(2);  
 }  
}

Variante de răspuns:

a)

***Hi! I am 12 years old.***

***Also, my name is Mihai***

***Hi! I am 12 years old.***

***Also, my name is Mihai***

***Hi! I am 12 years old.***

***Also, my name is Mihai***

b)

Hi! I am 12 years old.

Also, my name is Mihai

Hi! I am 12 years old.

Hi! I am 12 years old.

c)

Hi! I am 12 years old.

Hi! I am 12 years old.

Hi! I am 12 years old.

d)

Hi! I am 12 years old.

Hi! I am 12 years old.

Explicații:

Se apelează constructorul clasei Boy, apoi constructorul Clasei Person. Se face override metodei sayHi() pentru a afisa si campul nume din clasa Boy. Se apeleaza metoda sayHi() cea noua, apoi se apeleaza metoda sayHi() cu parametru care la randul ei va apela metoda sayHi() originala de atatea ori de cat este indican in parametrul oferit.