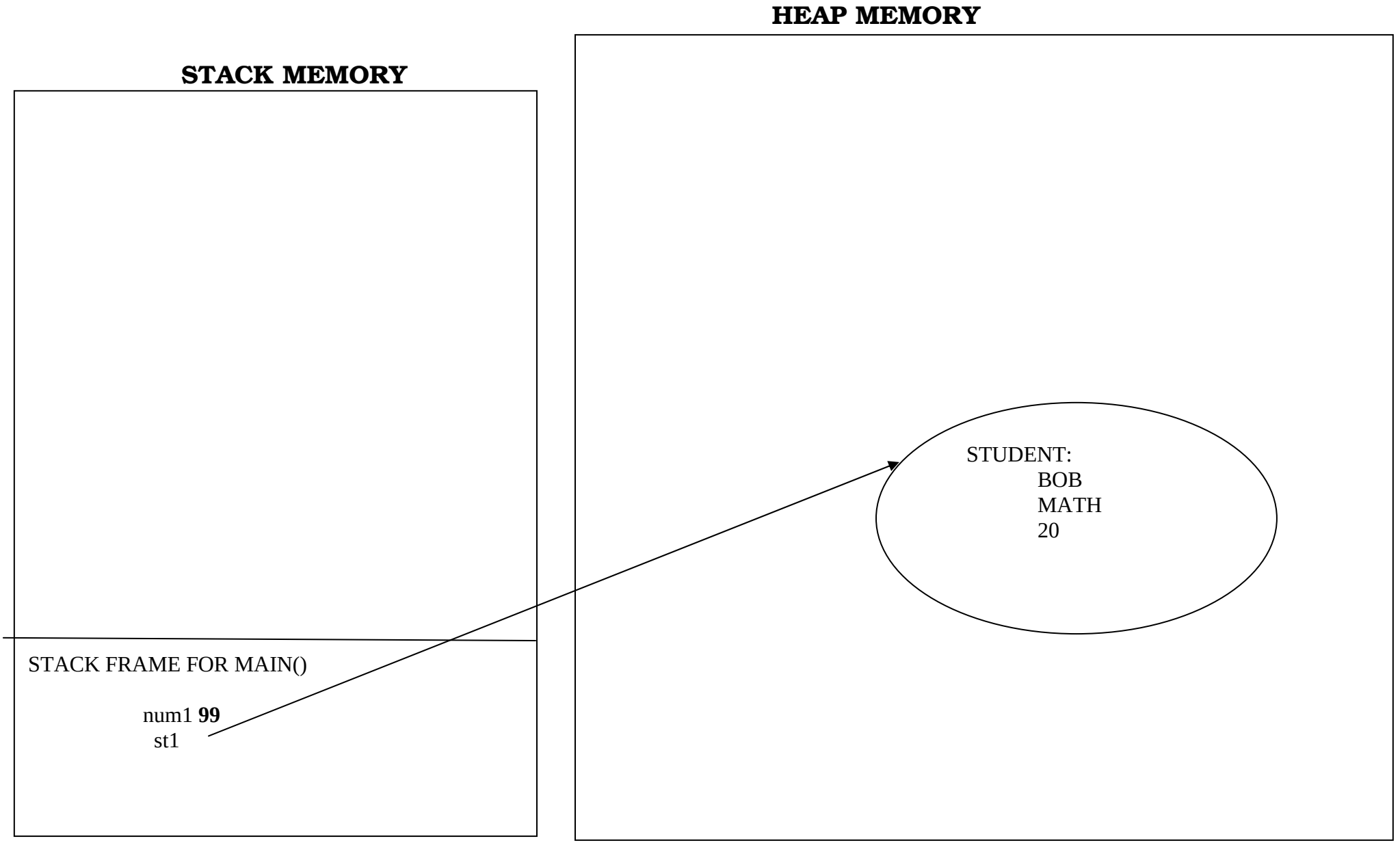
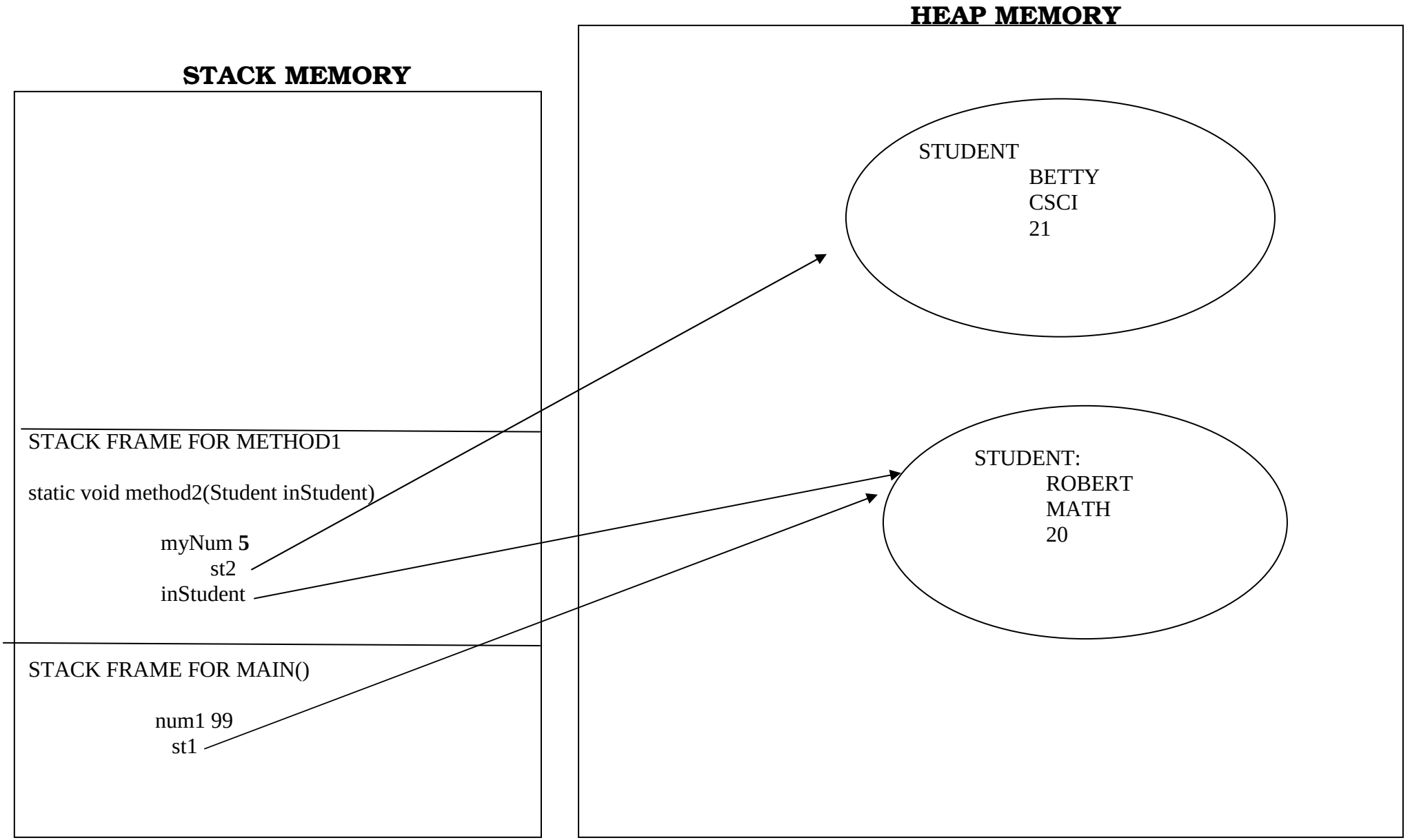
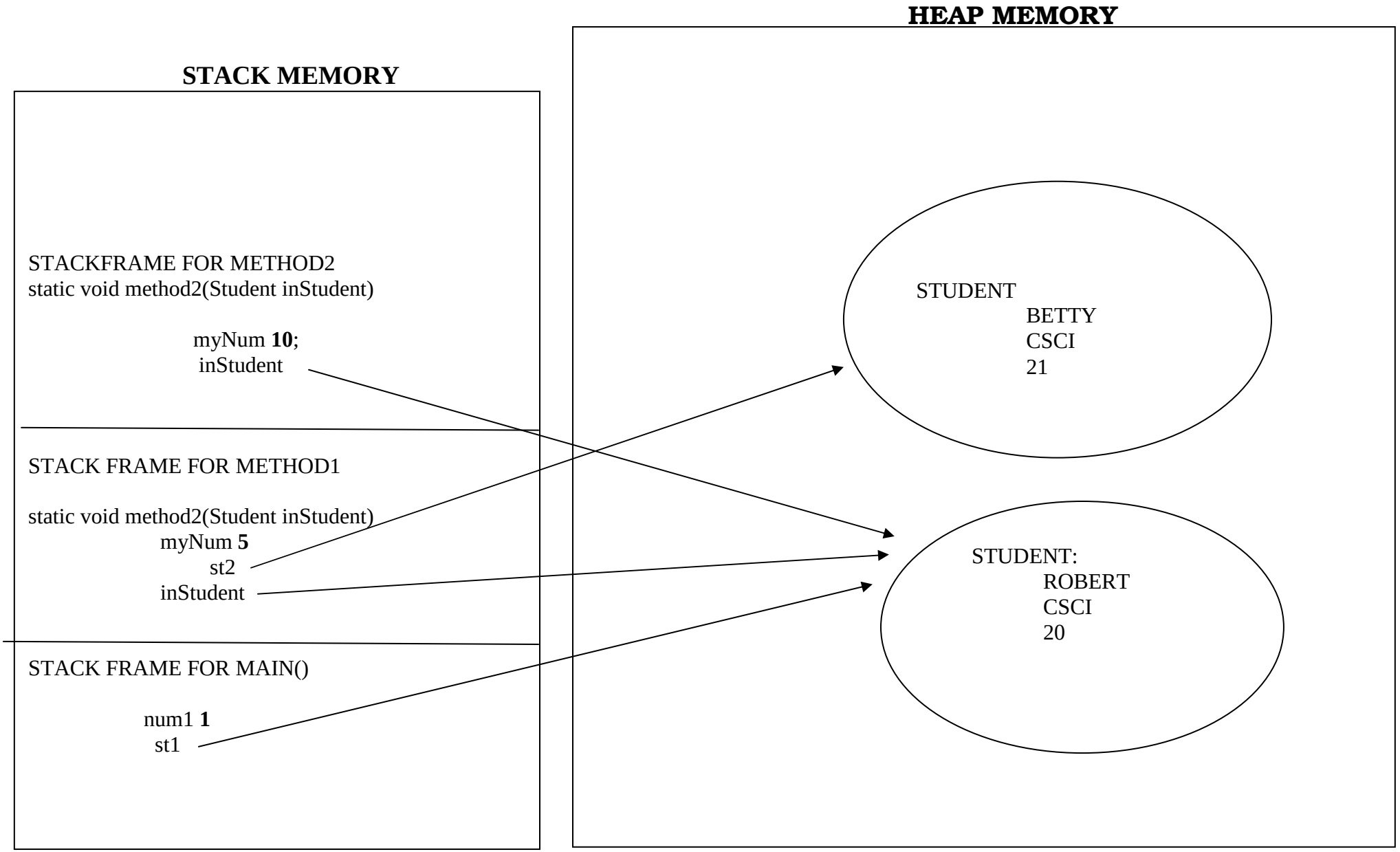
1




```
int num1=99   //main code is here
Student st1=new Student("BOB",MATH,20);      //create object on heap
method1(st1);                          //call method1
```




```
int myNum1=1   //Method1 code is here
Student st2=new Student("BETTY","CSCI",21);
inStudent.name="ROBERT";
Method2(inStudent);   //this call creates another stack "frame" for method2;
```



int myNum1=10 //Method2 code is here
inStudent.major="CSCI;

STACK MEMORY

STACK FRAME FOR STATS METHOD

static int statsMethod(inInt)

inInt 99 (copy)
num1 1 (local variable)
int result=(inInt+num1)*5
result (pass back value 500)

STACK FRAME FOR MAIN()
st1=null
num1 99
answer **500**

num1=99
st1=null
int answer = statsMethod(num1);

HEAP MEMORY