CC DAY-2 WORK

**1)**

package Memory;

public class MemoryManagement {

void run(int i) {

System.out.println(i++);

run(i);

}

public static void main(String[] args) {

Anew MemoryManagement().run(1);

}

}

**2)**

public class Student {

String sname;

int roll;

float cgp;

String address;

Student(String sname,int roll,float cgp,String address) {

this.sname=sname;

this.roll=roll;

this.cgp=cgp;

this.address=address;

}

}

class std{

public static void main(String[] args) {

Student s=new Student("Ganesh",14,9,"pirapudi");

update(s);

System.out.println(s.sname);

System.out.println(s.roll);

System.out.println(s.cgp);

System.out.println(s.address);

}

public static Student update(Student s) {

s.address="vadlamudi";

s.cgp=10;

return s;

}

}

**3)**

public class memorymanagement {

public static void main(String[] args) {

int size=100;

for(int i=0;i<Integer.MAX\_VALUE;i++) {

int[] arr=new int[size];

System.out.println(i);

i++;

size\*=2;

}

}

}