Write simple class program that has 1 private variable and 4 public methods.

**public** **class** **Template**

//These are the fields.

**private** **datatype** **varName1**;

//This is a constructor.

**public** **Template**(**datatype var\_Name**){

varName1=var\_Name;

}

**public** **datatype** **getVar1**(){

**return** varName1;

}

**public** **void** **setVar1**(**datatype Var1**){

**varName1** = Var1;

}

**Public void print()**

{

System.out.print(getVar1());

}

}

public class mainTeam {

public static void main(String[] args) {

Template object= new Template(value);

object.print();

// TODO Auto-generated method stub

}

EX1:

**public** **class** **Template**

{

//These are the fields.

**private** **int** varName1;

//This is a constructor.

**public** **Template**(**int** var\_Name){

varName1=var\_Name;

}

**public** **int** **getVar1**(){

**return** varName1;

}

**public** **void** **setVar1**(**int** Var1){

varName1 = Var1;

}

**public** **void** **print**()

{

**System**.***out***.print(getVar1());

}

**public** **class** **mainTeam** {

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

**Template** **object**= **new** Template(66);

object.print();

// **TODO** Auto-generated method stub

}

}

}

EX2:

**public** **class** **Team** {

//These are the fields.

**private** **int** wins;

**private** **int** losses;

**private** **String** name;

//private double winningPercentage;

//This is a constructor.

**public** **Team**(**String** n, **int** w, **int** l){

name = n; wins = w; losses = l;

}

**public** **String** **getName**(){

**return** name;

}

**public** **int** **getWins**(){ **return** wins;

}

**public** **int** **getLosses**(){

**return** losses;

}

**public** **double** **getWinningPercentage**(){ **double** **total** = wins + losses; **return** wins / total;

}

**public** **void** **printStats**(){ **System**.***out***.println("Name: " + name); **System**.***out***.println("Wins: " + wins); **System**.***out***.println("Losses: " + losses);

**System**.***out***.println("WP: " + getWinningPercentage());

}

**public** **void** **setWins**(**int** w){

wins = w;

}

**public** **void** **setLosses**(**int** l){

losses = l;

}

}

**public** **class** **mainTeam** {

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

**Team** **object**= **new** Team("Sarah",100,9);

object.printStats();

// **TODO** Auto-generated method stub

}

}