**package** Homework1;

**public** **class** Country {

**private**

**int** population;

String capital = **new** String (" ");

String name = **new** String (" ");

**public**

**int** getPopulation(){

**return** population;

}

**void** setPopulation(**int** x){

population = x;

}

String getCapital(){

**return** capital;

}

**void** setCapital(String y){

capital = y;

}

String getName(){

**return** name;

}

**void** setname(String x){

name = x;

}

}

//Problem 4

**package** Homework1;

**public** **class** IDCard {

String name;

**int** identify;

String filename;

**public** IDCard(){

}

**public** IDCard(String n, **int** ID,String file){

setName(n);

setIdentify(ID);

setFilename(file);

}

String getName(){

**return** name;

}

**void** setName(String x){

name = x;

}

**int** getIdentify(){

**return** identify;

}

**void** setIdentify(**int** y){

identify = y;

}

String getFilename(){

**return** filename;

}

**void** setFilename(String n){

filename = n;

}

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

IDCard d = **new** IDCard();

IDCard c= **new** IDCard("bob", 02, "saveme");

System.*out*.println(c.getName());

System.*out*.println(c.getFilename());

}

}

//Output

//bob

//saveme,

**package** Homework1;

**public** **class** PredictOutput {

**int** x = -5;

**static** **int** *y* = -5;

**public**

PredictOutput() {

x++;

*y*++;

}

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

PredictOutput p = **new** PredictOutput();

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

p = **new** PredictOutput();

}

System.*out*.println("The value of x is " +p.x);

System.*out*.println("The value of y is " +p.*y*);

}

}

//Predicted is x=-4 and y=6.

//Actual Output The value of x is -4

The value of y is 6

**package** Homework1;

**public** **class** question1 {

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

**int** i;

**for**(i=1; i<5001; i++){

System.*out*.println(" " + i);

}

}

}

//Output is 1-5000 but unnecessary to copy and paste on 19 pages

//Question 1

**package** Homework1;

**public** **class** question2 {

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

**for**(**int** i=1; i<101; i++){

**if**(i%7==0 || i%10==7)

**continue**;

**else**

System.*out*.println(" " + i);

}

}

}

//output below

1

2

3

4

5

6

8

9

10

11

12

13

15

16

18

19

20

…..

78

79

80

81

82

83

85

86

88

89

90

92

93

94

95

96

99

100

**package** Homework1;

**public** **class** question3 {

**float** a;

**float** getA(){

**return** a;

}

**void** setA(**float** val){

a = val;

}

}

//Errors were fixed, no output

//problem 3

**package** Homework1;

**public** **class** question7 {

//7A) False

//7B) False

//7C) False

//7D) True

// 7E) False (doesnt give return types)

//7F) False

}

//question 7