EXPERIMENT 5:

DOCTOR:

/\*\*

\* Class doctor

\*/

public class doctor {

//

// Fields

//

private char name;

private int id;

private char qualification;

//

// Constructors

//

public doctor () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of name

\* @param newVar the new value of name

\*/

public void setName (char newVar) {

name = newVar;

}

/\*\*

\* Get the value of name

\* @return the value of name

\*/

public char getName () {

return name;

}

/\*\*

\* Set the value of id

\* @param newVar the new value of id

\*/

public void setId (int newVar) {

id = newVar;

}

/\*\*

\* Get the value of id

\* @return the value of id

\*/

public int getId () {

return id;

}

/\*\*

\* Set the value of qualification

\* @param newVar the new value of qualification

\*/

public void setQualification (char newVar) {

qualification = newVar;

}

/\*\*

\* Get the value of qualification

\* @return the value of qualification

\*/

public char getQualification () {

return qualification;

}

//

// Other methods

//

/\*\*

\*/

public void refer\_patients\_()

{

}

/\*\*

\*/

public void gives\_medicine()

{

}

/\*\*

\*/

public void does\_operation()

{

}

}

HOSPITAL MANAGEMENT:

/\*\*

\* Class doctor

\*/

public class doctor {

//

// Fields

//

private char name;

private int id;

private char qualification;

//

// Constructors

//

public doctor () { };

//

// Methods

//

//

// Accessor methods

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// Other methods

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{

}

/\*\*

\*/

public void gives\_medicine()

{

}

/\*\*

\*/

public void does\_operation()

{

}

}

/\*\*

\* Class hospital\_management

\*/

public class hospital\_management {

//

// Fields

//

public char name;

public int id;

public char place;

//

// Constructors

//

public hospital\_management () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

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\* @param newVar the new value of name

\*/

public void setName (char newVar) {

name = newVar;

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\* Get the value of name

\* @return the value of name

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public char getName () {

return name;

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\*/

public void setId (int newVar) {

id = newVar;

}

/\*\*

\* Get the value of id

\* @return the value of id

\*/

public int getId () {

return id;

}

/\*\*

\* Set the value of place

\* @param newVar the new value of place

\*/

public void setPlace (char newVar) {

place = newVar;

}

/\*\*

\* Get the value of place

\* @return the value of place

\*/

public char getPlace () {

return place;

}

//

// Other methods

//

/\*\*

\*/

public void administration()

{

}

/\*\*

\*/

public void maintain\_info()

{

}

/\*\*

\*/

public void add\_patient()

{

}

/\*\*

\*/

public void add\_surgeon()

{

}

}

PATIENT:

/\*\*

\* Class doctor

\*/

public class doctor {

//

// Fields

//

private char name;

private int id;

private char qualification;

//

// Constructors

//

public doctor () { };

//

// Methods

//

//

// Accessor methods

//

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\* Set the value of name

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{

}

/\*\*

\*/

public void gives\_medicine()

{

}

/\*\*

\*/

public void does\_operation()

{

}

}

/\*\*

\* Class patient

\*/

public class patient {

//

// Fields

//

public int ward\_no;

private char name; /\*\*

\*

\*

\*

\* \*/

private int id;

private char type\_of\_treatment;

//

// Constructors

//

public patient () { };

//

// Methods

//

//

// Accessor methods

//

/\*\*

\* Set the value of ward\_no

\* @param newVar the new value of ward\_no

\*/

public void setWard\_no (int newVar) {

ward\_no = newVar;

}

/\*\*

\* Get the value of ward\_no

\* @return the value of ward\_no

\*/

public int getWard\_no () {

return ward\_no;

}

/\*\*

\* Set the value of name

\* @param newVar the new value of name

\*/

public void setName (char newVar) {

name = newVar;

}

/\*\*

\* Get the value of name

\* @return the value of name

\*/

public char getName () {

return name;

}

/\*\*

\* Set the value of id

\*

\*

\*

\*

\* @param newVar the new value of id

\*/

public void setId (int newVar) {

id = newVar;

}

/\*\*

\* Get the value of id

\*

\*

\*

\*

\* @return the value of id

\*/

public int getId () {

return id;

}

/\*\*

\* Set the value of type\_of\_treatment

\* @param newVar the new value of type\_of\_treatment

\*/

public void setType\_of\_treatment (char newVar) {

type\_of\_treatment = newVar;

}

/\*\*

\* Get the value of type\_of\_treatment

\* @return the value of type\_of\_treatment

\*/

public char getType\_of\_treatment () {

return type\_of\_treatment;

}

//

// Other methods

//

/\*\*

\*/

public void takes\_treatment()

{

}

/\*\*

\*/

public void books\_ward()

{

}

/\*\*

\*/

public void payment\_of\_biil()

{

}

}