****

**Department of CSE**

**Convert Class Diagram to Java Code**

***Course Title :*** *System Analysis and Design Lab*

***Course Code :*** *CSE 326*

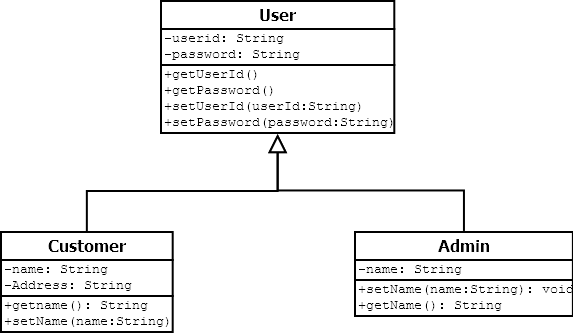
|  |  |  |
| --- | --- | --- |
|  | **Submitted By** |  |
| ***Name*** | ***:*** *Md. Robin* | |
| ***ID*** | ***:*** *171442640* |  |
| ***Program*** | ***:*** *BCSE (EVN)* | |
| ***Batch*** | ***:*** *44th* | |

***Submitted To: Supta Richard Philip***

*Senior Lecturer  
Department of CSE   
City university*

***Date of Submission:*** *08-07-2019*

**Given Class Diagram**



**Converting above diagram to java code:**

**Main Class: Test.java**

**public** **class** test {

/\*\*

\* **@param** args

\*/

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

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

Customer cus1=**new** Customer();

cus1.setName("Md. Robin Hassan");

cus1.setAddress("Atibazar, Keranigonj, Dhaka");

System.*out*.println("Name:"+cus1.getName());

System.*out*.println("Address:"+cus1.getAddress());

User person1=**new** User();

person1.setUserId("Robin");

person1.setPassword("123456");

System.*out*.println("Username:"+person1.getUserId());

System.*out*.println("Password:"+person1.getPassword());

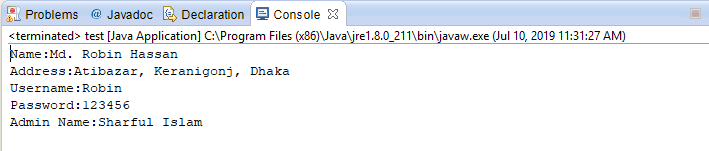
Admin admin1=**new** Admin();

admin1.setName("Sharful Islam");

System.*out*.println("Admin Name:"+admin1.getName());

}

}

**Output:**

**User Class: User.java**

**public** **class** User {

**private** String userId;

**private** String password;

**public** String getUserId() {

**return** userId;

}

**public** **void** setUserId(String userId) {

**this**.userId = userId;

}

**public** String getPassword() {

**return** password;

}

**public** **void** setPassword(String password) {

**this**.password = password;

}

}

**Customer Class: Customer.java**

**public** **class** Customer {

**private** String name;

**private** String address;

**public** String getName() {

**return** name;

}

**public** **void** setName(String name) {

**this**.name = name;

}

**public** String getAddress() {

**return** address;

}

**public** **void** setAddress(String address) {

**this**.address = address;

}

}

**Admin Class: Admin.java**

**public** **class** Admin {

**private** String name;

**public** String getName() {

**return** name;

}

**public** **void** setName(String name) {

**this**.name = name;

}

}