

JAHANGIRNAGAR UNIVERSITY
INSTITUTE OF INFORMATION TECHNOLOGY



Course Code : ICT-2204

Course Title : Database Management System

Assignment

Title : File Based System

Submitted By

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Class Roll : 1979

Work : Java code which read information from a text file (login_information.txt) and store this information in a class (login.java) then print this information in console .

Code :

Login.java class

```
public class Login {
    private String first_name;
    private String last_name;
    private String email_id;
    private String password;

    public Login(String first_name, String last_name, String email_id, String password) {
        this.first_name = first_name;
        this.last_name = last_name;
        this.email_id = email_id;
        this.password = password;
    }

    @Override
    public String toString() {
        return
            "Name: "+first_name+" "+last_name+"  "+
            "Email: "+email_id+"  "+
            "Password :"+password;
    }
}
```

Main.java class :

```
public class Main {
    public static void main(String[] args) {
        List<Login> logins = new ArrayList<>();

        try (BufferedReader reader = new BufferedReader(new FileReader("login_information.txt"))) {
            String line;
            while ((line = reader.readLine()) != null) {
                String[] parts = line.split(" ");
                if (parts.length == 4) {
                    String first_name = parts[0]; String last_name = parts[1];
                    String email = parts[2]; String password = parts[3];
                    Login login = new Login(first_name, last_name, email, password);
                    logins.add(login);
                }
            }
            for (Login login : logins) {
                System.out.println(login);
            }
        }
    }
}
```

```
} catch (IOException e) {  
    System.out.println("Error reading file: " + e.getMessage());  
}  
}  
}
```

file value(login_information.txt) :

Md.Shahriar Islam shahriarislam@gmail.com Xr7@bL2!qZ#9mT4

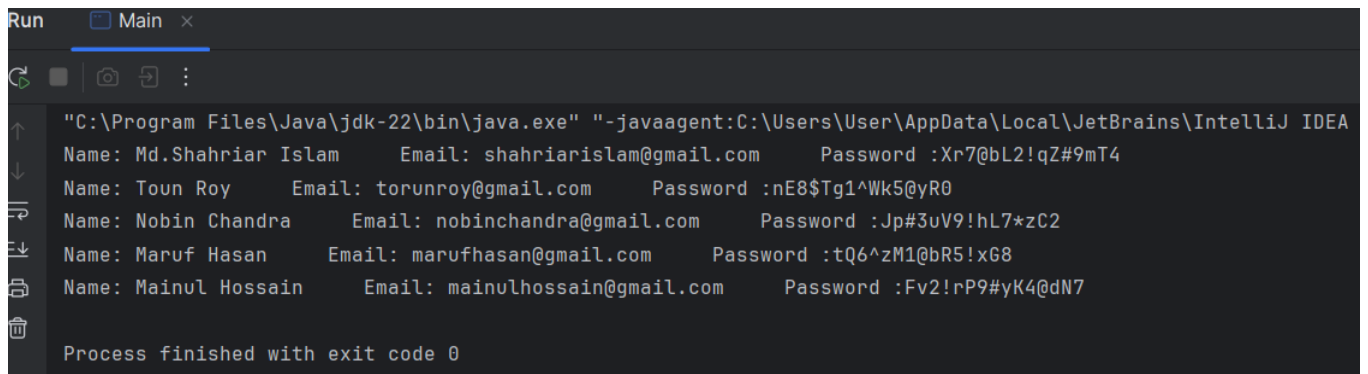
Toun Roy torunroy@gmail.com nE8\$Tg1^Wk5@yR0

Nobin Chandra nobinchandra@gmail.com Jp#3uV9!hL7*zC2

Maruf Hasan marufhasan@gmail.com tQ6^zM1@bR5!xG8

Mainul Hossain mainulhossain@gmail.com Fv2!rP9#yK4@dN7

Output :



```
Run Main x  
"C:\Program Files\Java\jdk-22\bin\java.exe" "-javaagent:C:\Users\User\AppData\Local\JetBrains\IntelliJ IDEA  
Name: Md.Shahriar Islam      Email: shahriarislam@gmail.com      Password :Xr7@bL2!qZ#9mT4  
Name: Toun Roy      Email: torunroy@gmail.com      Password :nE8$Tg1^Wk5@yR0  
Name: Nobin Chandra      Email: nobinchandra@gmail.com      Password :Jp#3uV9!hL7*zC2  
Name: Maruf Hasan      Email: marufhasan@gmail.com      Password :tQ6^zM1@bR5!xG8  
Name: Mainul Hossain      Email: mainulhossain@gmail.com      Password :Fv2!rP9#yK4@dN7  
  
Process finished with exit code 0
```