

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

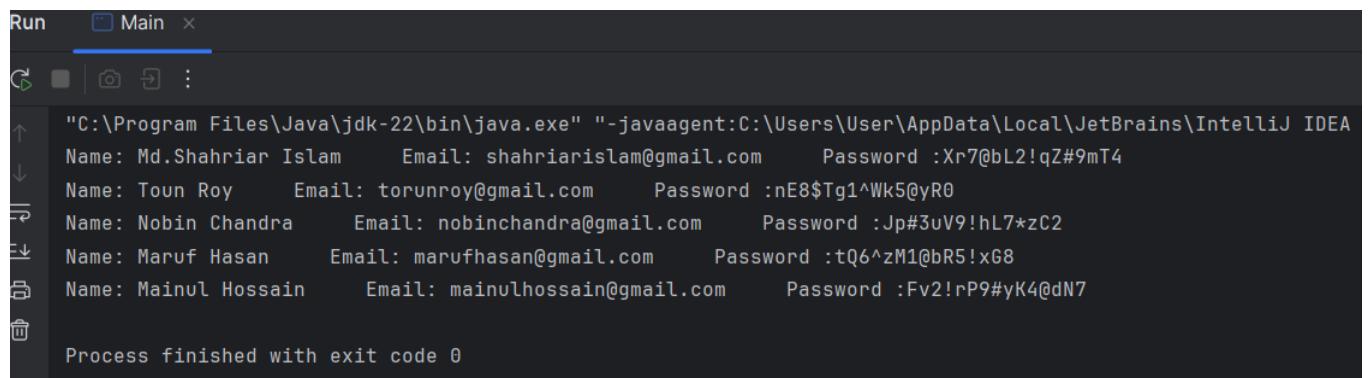
Toun Roy torunroy@gmail.com nE8\$Tg1^Wk5@yR0

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 :



```
"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
```