

**Exercises 1 : Write a simple program that asks the user for the username and password and compares the entered data with the data in the stored databases.**

**Solution**

```
import java.util.Scanner;

class Main {

    public static void main(String[] args) {

        Scanner n=new Scanner(System.in);

        String user="Rami";

        String Password="Dibas321";

        String Enuser,EnPassword;

        System.out.println("Enter User Name");

        Enuser=n.nextLine();

        System.out.println("Enter Password");

        EnPassword=n.nextLine();

        if(user.equals(Enuser) && Password.equals(EnPassword))

            System.out.println("Succes");

        else

            System.out.println("Error");

    }

}
```

**Exercises 2 : Write a program that asks the student to enter his grade and then prints the result if the student passed or failed:**

**Solution**

```
import java.util.Scanner;

class Main
{
    public static void main(String[] args) {
        //write a program asks student to enter his mark, then checks if student passed of failed and print result

        Scanner input=new Scanner(System.in);
        System.out.println("enter your mark:");
        double mark=input.nextDouble();
        if(mark >=60)
        {
            System.out.println("passed");
        }
        else
        {
            System.out.println("failed");
        }
    }
}
```

**Exercises 3 : The ATM program asks the customer for the password and then checks it if it is correct prints the correct Passkey, and if it is incorrect, prints the wrong Passkey.**

### **Solution**

*/\*write java program for atm machine to ask user to enter his passkey, then check if passkey is correct or wrong\*/*

```
import java.util.Scanner;

class Main
{
    public static void main(String[] args)
    {
        Scanner input=new Scanner(System.in);
        int correctPasskey=8998;
        System.out.println("welcome client, please enter your passkey");
        int passkey=input.nextInt();
        if(passkey==correctPasskey)
        {
            System.out.println("correct Passkey");
        }
        else
        {
            System.out.println("wrong Passkey");
        }
    }
}
```

**Exercises 4 : Write a program that asks the student to enter his grade and then prints the grade corresponding to the grade:**

**Solution**

```
import java.util.Scanner;

class Main
{
    public static void main(String[] args) {
        Scanner in=new Scanner(System.in);
        System.out.println("enter the mark:");
        int mark=in.nextInt();
        if(mark>100)
            System.out.println("invalid entry");
        else if(mark>=90)
            System.out.println("A");
        else if(mark>=80)
            System.out.print("B");
        else if(mark>=70)
            System.out.print("C");
        else if(mark>=60)
            System.out.println("D");
        else
            System.out.println("F");

    }
}
```

**Exercises 5 : Write a program that asks the user to enter the number of the day and prints the name of the corresponding day:**

**Solution**

```
import java.util.Scanner;

class Main

{

    public static void main(String[] args) {

//write java program that ask user to enter the number of week day and prints the //equiavalent week
day name

        Scanner in=new Scanner(System.in);

        System.out.println("enter the day number:");

        int daynumber=in.nextInt();

        if(daynumber==1)

            System.out.println("saturday");

        else if(daynumber==2)

            System.out.println("sunday");

        else if(daynumber==3)

            System.out.println("monday");

        else if(daynumber==4)

            System.out.println("tuesday");

        else if(daynumber==5)

            System.out.println("wednesday");
```

```
else if(daynumber==6)

    System.out.println("thursday");

else if(daynumber==7)

    System.out.println("friday");

else System.out.println("invalid entry");

}}
```