package Praktikum\_Pemlan\_6;

public class MahasiswaFilkom extends Manusia {

private String NIM;

private double IPK;

public MahasiswaFilkom(String nama, String NIK, Boolean jenisKelamin, Boolean menikah, String NIM, double IPK) {

super(nama, NIK, jenisKelamin, menikah);

this.NIM = NIM;

this.IPK = IPK;

}

public String getNIM() {

return NIM;

}

public void setNIM(String NIM) {

this.NIM = NIM;

}

public double getIPK() {

return IPK;

}

public void setIPK(double IPK) {

this.IPK = IPK;

}

public String getStatus(){

if (getNIM().charAt(6) == '2' ){

return "Teknik Meniup Gelembung, 20" + getNIM().substring(0,2);

}

else if (getNIM().charAt(6) == '3' ){

return "Teknik Berburu Ubur Ubur, 20" + getNIM().substring(0,2);

}

else if (getNIM().charAt(6) == '4' ){

return "Sistem Perhamburgeran, 20" + getNIM().substring(0,2);

}

else if (getNIM().charAt(6) == '6' ){

return "Pendidikan Chum Bucket, 20" + getNIM().substring(0,2);

}

else if (getNIM().charAt(6) == '7' ){

return "Teknologi Telepon Kerang, 20" + getNIM().substring(0,2);

}

else

return "NIM tidak valid";

}

public double getBeasiswa(){

if (getIPK() >= 3.5 && getIPK() < 4.0){

return 75.0;

}

else if ((getIPK() >= 3.0 && getIPK() < 3.5)){

return 50.0;

}

else

return 0.0;

}

public String toString(){

String returnString = "";

returnString += "===Mahasiswa===\n";

returnString += "Nama : " + getNama() + "\n";

returnString += "NIK : " + getNIK() + "\n";

returnString += "Jenis Kelamin: ";

if (super.getJenisKelamin())

returnString += "Laki-Laki\n";

else

returnString += "Perempuan\n";

returnString += "Pendapatan : " +

(getBeasiswa() + getPendapatan()) + "$\n";

returnString += "IPK : " + getIPK() + "\n";

returnString += "NIM : " + getNIM() + "\n";

returnString += "Status : " + getStatus() + "\n";

returnString += "----------------------------------------\n";

return returnString;

}

}