**PROGRAM CODE:**

public class Wrestler

{

private String Name;

private double pow,Max\_power=100;

private int str,tou,sta,spd,lck,cou,skl;

Wrestler(String Name)

{

setName(Name);

}

public String getName() {

return Name;

}

private void setName(String name) {

Name = name;

}

public double getPow() {

return pow;

}

private void setPow(double pow) {

this.pow = pow;

}

public double getMax\_power() {

return Max\_power;

}

public int getStr() {

return str;

}

private Boolean setStr(int str) {

this.str = str;

return validate(str);

}

public int getTou() {

return tou;

}

private Boolean setTou(int tou) {

this.tou = tou;

return validate(tou);

}

public int getSta() {

return sta;

}

private Boolean setSta(int sta) {

this.sta = sta;

return validate(sta);

}

public int getSpd() {

return spd;

}

private Boolean setSpd(int spd) {

this.spd = spd;

return validate(spd);

}

public int getLck() {

return lck;

}

private Boolean setLck(int lck) {

this.lck = lck;

return validate(lck);

}

public int getCou() {

return cou;

}

private Boolean setCou(int cou) {

this.cou = cou;

return validate(cou);

}

public int getSkl() {

return skl;

}

private Boolean setSkl(int skl) {

this.skl = skl;

return validate(skl);

}

Boolean validate(int x)

{

if (x<=20 && x>=1)

return true;

else

return false;

}

public void rest()

{

pow=Max\_power;

}

void reducePow(double p)

{

pow-=p;

}

public Boolean setAttr(int str,int tou,int sta,int spd,int lck,int cou,int skl)

{

if(setStr(str)==false)

return false;

else if(setTou(tou)==false)

return false;

else if(setSta(sta)==false)

return false;

else if(setSpd(spd)==false)

return false;

else if(setLck(lck)==false)

return false;

else if(setCou(cou)==false)

return false;

else if(setSkl(skl)==false)

return false;

else

return true;

}

public String toString()

{

return Name;

}

}

class Test

{

public static void main(String[] args)

{

Wrestler w1=new Wrestler("Pnp");

Wrestler w2=new Wrestler("Roman Reigns");

Boolean b1=w1.setAttr(20,15,12,15,16,17,19);

Boolean b2=w2.setAttr(10, 12, 14, 21, 2, 2, 10);

System.*out*.println("Name : "+w1.toString());

System.*out*.println("Attributes valid : "+b1);

System.*out*.println("Name : "+w2.toString());

System.*out*.println("Attributes valid : "+b2);

System.*out*.println("PARTH PATEL\n19DCS098");

}

}

**OUTPUT:**

