**package** Assessmnet;

**public** **class** Plannet

{

**public** **static** **void** main(String[] args)

{

//Create object of classes

//A

mercury mer =**new** mercury();

mer.Name();

mer.gasses();

**int** a=mer.moon();

System.***out***.println("Mercury has moon :"+a);

mer.rings();

System.***out***.println("\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_");

//B

venus ven =**new** venus();

ven.Name();

ven.gasses();

**int** b=ven.moon();

System.***out***.println("Venus has moon :"+b);

ven.rings();

System.***out***.println("\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_");

//C

earth ear =**new** earth ();

ear.Name();

ear.gasses();

**int** c= ear.moon();

System.***out***.println("Earth has moon :"+c);

ear.rings();

System.***out***.println("\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_");

//D

jupitor jup =**new** jupitor ();

jup.Name();

jup.gasses();

**int** d= jup.moon();

System.***out***.println("Jupitor has moon :"+d);

jup.rings();

//E

satturn sat =**new** satturn();

sat.Name();

sat.gasses();

**int** e= sat.moon();

System.***out***.println("Sattern has moon :"+e);

sat.rings();

System.***out***.println("\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_");

//F

uranus ura =**new** uranus();

ura.Name();

ura.gasses();

**int** f= ura.moon();

System.***out***.println("Sattern has moon :"+f);

ura.rings();

System.***out***.println("\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_");

}

}

//A

**package** Assessmnet;

**public** **class** mercury

{

//1 planet name

**public** **void** Name()

{

String name= "Mercury";

System.***out***.println("Name of the Planet:"+name);

}

//2 surface gasses,

**public** **void** gasses()

{

System.***out***.println("Mercury has no Atmospheric gasses");

}

//3.number of moons

**public** **int** moon()

{

System.***out***.println("Mercury has zero moon");

**int** moon=0;

**return** moon;

}

//4.whether planet has

**public** **void** rings()

{

System.***out***.println("Mercury has No Rings");

}

}

//B

**package** Assessmnet;

**public** **class** venus

{

//1 planet name

**public** **void** Name()

{

String name= "Venus";

System.***out***.println("Name of the Planet: Venus");

}

//2 surface gasses,

**public** **void** gasses()

{

System.***out***.println("Venus has Atmospheric gasses like,Carbon Dioxide, Nitrogen");

}

//3.number of moons

**public** **int** moon()

{

System.***out***.println("Venus has zero moon");

**int** moon=0;

**return** moon;

}

//4.whether planet has

**public** **void** rings()

{

System.***out***.println("Venus has No Rings");

}

}

//C

**package** Assessmnet;

**public** **class** earth

{

//1 planet name

**public** **void** Name()

{

String name= "Earth";

System.***out***.println("Name of the Planet: Earth ");

}

//2 surface gasses,

**public** **void** gasses()

{

System.***out***.println("Earth has Atmospheric gasses like, Nitrogen, Oxygen ");

}

//3.number of moons

**public** **int** moon()

{

System.***out***.println("Earth has One moon");

**int** moon=1;

**return** moon;

}

//4.whether planet has

**public** **void** rings()

{

System.***out***.println("Earth has No Rings");

}

}

//D

**package** Assessmnet;

**public** **class** jupitor

{

//1 planet name

**public** **void** Name()

{

String name= "Jupitor";

System.***out***.println("Name of the Planet: Jupitor ");

}

//2 surface gasses,

**public** **void** gasses()

{

System.***out***.println("Jupitor has Atmospheric gasses like, Hydrogen, Helium ");

}

//3.number of moons

**public** **int** moon()

{

System.***out***.println("Earth has 79 moon");

**int** moon=79;

**return** moon;

}

//4.whether planet has

**public** **void** rings()

{

System.***out***.println("Jupitor has Ring");

}

}

//E

**package** Assessmnet;

**public** **class** satturn

{

//1 planet name

**public** **void** Name()

{

String name= "Saturn";

System.***out***.println("Name of the Planet: Saturn ");

}

//2 surface gasses,

**public** **void** gasses()

{

System.***out***.println("Saturn has Atmospheric gasses like, Hydrogen, Helium ");

}

//3.number of moons

**public** **int** moon()

{

System.***out***.println("Satturn has 83 moon");

**int** moon=83;

**return** moon;

}

//4.whether planet has

**public** **void** rings()

{

System.***out***.println("Satturn has Ring");

}

}

//F

**package** Assessmnet;

**public** **class** uranus

{

//1 planet name

**public** **void** Name()

{

String name= "Uranus";

System.***out***.println("Name of the Planet: Uranus ");

}

//2 surface gasses,

**public** **void** gasses()

{

System.***out***.println("Uranus has Atmospheric gasses like, Hydrogen, Helium, Methane ");

}

//3.number of moons

**public** **int** moon()

{

System.***out***.println("Uranus has 27 moon");

**int** moon=27;

**return** moon;

}

//4.whether planet has

**public** **void** rings()

{

System.***out***.println("Uranus has Ring");

}

}

}