**public** **class** IfExample1 {

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

**int** age=20;

**if**(age>18){

System.***out***.print("Age is greater than 18");

}

}

}

**public** **class** IfElseExample2 {

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

**int** number=13;

**if**(number%2==0){

System.***out***.println("even number");

}**else**{

System.***out***.println("odd number");

}

}

}

**public** **class** IfElseIfExample3 {

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

**int** marks=65;

**if**(marks<50){

System.***out***.println("fail");

}

**else** **if**(marks>=50 && marks<60){

System.***out***.println("D grade");

}

**else** **if**(marks>=60 && marks<70){

System.***out***.println("C grade");

}

**else** **if**(marks>=70 && marks<80){

System.***out***.println("B grade");

}

**else** **if**(marks>=80 && marks<90){

System.***out***.println("A grade");

}**else** **if**(marks>=90 && marks<100){

System.***out***.println("A+ grade");

}**else**{

System.***out***.println("Invalid!");

}

}

}

**public** **class** IfElseIfNestedExample {

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

**int** age = 29;

**if** (age < 13)

{

System.***out***.println("You are but a wee child!");

}

**else** **if** (age < 19)

{

System.***out***.println("You are no longer a child, but a budding teenager.");

}

**else**

{

**if** (age < 65)

{

System.***out***.println("You are an adult!");

}

**else**

{

System.***out***.println("You are now a senior, enjoy the good life friends!");

}

System.***out***.println("Also, since you are over the age of 19, you deserve a drink!");

}

}

}

**public** **class** SwitchExample {

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

**int** number=20;

**switch**(number){

**case** 10: System.***out***.println("10");**break**;

**case** 20: System.***out***.println("20");**break**;

**case** 30: System.***out***.println("30");**break**;

**default**:System.***out***.println("Not in 10, 20 or 30");

}

}

}

**class** SwitchExample2 {

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

**int** number=20;

**switch**(number){

**case** 10: System.***out***.println("10");

**case** 20: System.***out***.println("20");

**case** 30: System.***out***.println("30");

**default**:System.***out***.println("Not in 10, 20 or 30");

}

}

}