PROGRAM:

```java
package practcal10;

import java.util.Scanner;

class InvalidAgeException extends Exception
{
    InvalidAgeException(String s)
    {
        super (s);
    }
}
class TestThrow
{
    static void validate (int age)throws InvalidAgeException
    {
        if(age<18)
        {
            throw new InvalidAgeException ("not valid");
        }
        else
        {
            System.out.println("welcome to vote");
        }
    }
    static void degree(int age) throws InvalidAgeException
    {
        if(age<17)
        {
```

```java
            throw new InvalidAgeException ("not valid");

        }

        else

        {

            System.out.println("degree");

        }

    }

    static void Marriage (int age)throws InvalidAgeException

    {

        System.out.println("¥n 1 for male ¥n 2 for female");

        Scanner sc=new Scanner(System.in);

        int gender=sc.nextInt();

        if(age<21 && gender==1||age<18 && gender==2 )

        {

            throw new InvalidAgeException ("not valid");

        }

        else

        {

            System.out.println("congratulations");

        }

    }


    public static void main(String args[])

    {

        Scanner sc=new Scanner(System.in);

        System.out.println("age");

    int age=sc.nextInt();

        System.out.println("¥n1.Age verification for voting");
```

```java
System.out.println("\n2.Age verification for degree");

System.out.println("\n3.Age verification for marriage");


int ch=sc.nextInt();

switch(ch )

{

case 1: //voting


    try

    {

        validate(age);



    }

    catch(Exception m)

    {

        System.out.println("Exception occured:"+m);

    }


    break;

case 2: //degree


    try

    {

        degree(age);



    }

    catch(Exception m)

    {
```

```java
                        System.out.println("Exception occured:"+m);

                }


                break;
        case 3: //marriage


                try

                {

                        Marriage(age);


                }

                catch(Exception m)

                {

                        System.out.println("Exception occured:"+m);

                }


                break;

        }

    }

}
```

OUTPUT:

```
age
18

1.Age verification for voting

2.Age verification for degree

3.Age verification for marriage
1
welcome to vote
```

```
age
18

1.Age verification for voting

2.Age verification for degree

3.Age verification for marriage
2
degree
```