

EXPERIMENT-8

```
import java.util.Scanner;

class help
{
    int a,b;

    Scanner sc= new Scanner(System.in);

    void setdata()
    {
        int a,b;

        System.out.print("Enter the value of a:")
        a=Integer.parseInt(sc.nextLine());

        System.out.print("Enter the value of b:")
        b=Integer.parseInt(sc.nextLine());

        this.a=a;

        this.b=b;
    }

    void showresult()
    {
        System.out.println("division of two number is:"+a/b);
    }
}

public class done
{
    public static void main(String[], num)
    {
        help e= new help();

        try{
            d.setdata();

            d.showresult();
        }
    }
}
```

```

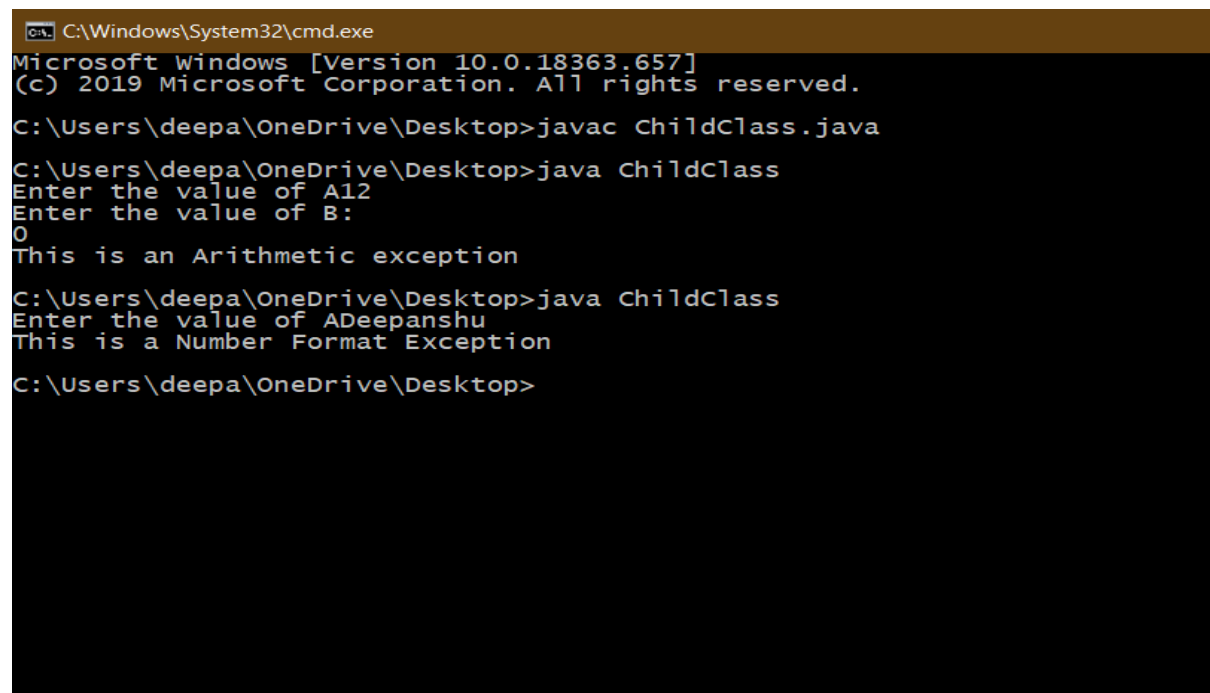
    }

    catch(ArithmeticExcepetion h)
    {
        System.out.println(" an Arithmetic Exception ")
    }

    catch(NumberformateException h)
    {
        System.out.println("This is a Number format Exception!..");
    }
}
}
}

```

Output



```

C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.18363.657]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\deepa\OneDrive\Desktop>javac ChildClass.java

C:\Users\deepa\OneDrive\Desktop>java ChildClass
Enter the value of A12
Enter the value of B:
0
This is an Arithmetic exception

C:\Users\deepa\OneDrive\Desktop>java ChildClass
Enter the value of ADeepanshu
This is a Number Format Exception

C:\Users\deepa\OneDrive\Desktop>

```