```java
package Java_FSD_01;
import java.util.InputMismatchException;
import java.util.Scanner;
public class Calculator {
public int main() {


System.out.println("press 1 for Addition");
System.out.println("press 2 for substraction");
System.out.println("press 3 for multiplication");
System.out.println("press 4 for division");

Scanner input = new Scanner(System.in);
int option=0;

System.out.println("Enter The Option");
try {
option =input.nextInt();
}catch(InputMismatchException e) {
System.err.println("Enter the currect input");return 0;
}

int a=0,b=0;

System.out.println("Enter A value");
try {
a=input.nextInt();

}catch(InputMismatchException e) {
System.out.println("Enter the currect value");return 0;

}



System.out.println("Enter B value");
try {
b=input.nextInt();

}catch(InputMismatchException e) {
System.out.println("Enter the currect value");return 0;

}



switch (option){
case 1:
return a+b;

case 2:
return a-b;
case 3:
```

```
return a*b;
case 4:
if(b==0) {
throw new ArithmeticException("Can't do process ");
}
return a/b;
default:
System.out.println("Enter the currect option");

}
return 0;

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

Calculator v =new Calculator();
System.out.println("Answer:-- "+v.main());
}

}
```