CRC

PROGRAMMING ASSIGNMENT

TEST CASE 1

MESSAGE: 10011101
GENERATOR: 1001

GENERATOR <FILE | VERIFIER

```
Please select which sequance you want:
 1 - generator --> verifier
 2 - generator --> verifier --> alter --> vierifier
1
transmitted message : 10011101100
message is correct
```

GENERATOR <FILE | ALTER 3 | VERIFIER

```
Please select which sequance you want:
 1 - generator --> verifier
 2 - generator --> verifier --> alter --> vierifier
2
Enter the index of the bit want to change
3
transmitted message : 10011101100
message is correct
altered message : 10001101100
message is not correct
```

TEST CASE 2

MESSAGE: 1101011111
GENERATOR: 10011

GENERATOR <FILE | VERIFIER

```
Please select which sequance you want:
 1 - generator --> verifier
 2 - generator --> verifier --> alter --> verifier
1
transmitted message : 11010111110010
message is correct
```

GENERATOR < FILE | ALTER 5 | VERIFIER

```
Please select which sequance you want:
 1 - generator --> verifier
 2 - generator --> verifier --> alter --> verifier
2
Enter the index of the bit want to change
5
transmitted message : 11010111110010
message is correct
altered message : 11010011110010
message is not correct
```