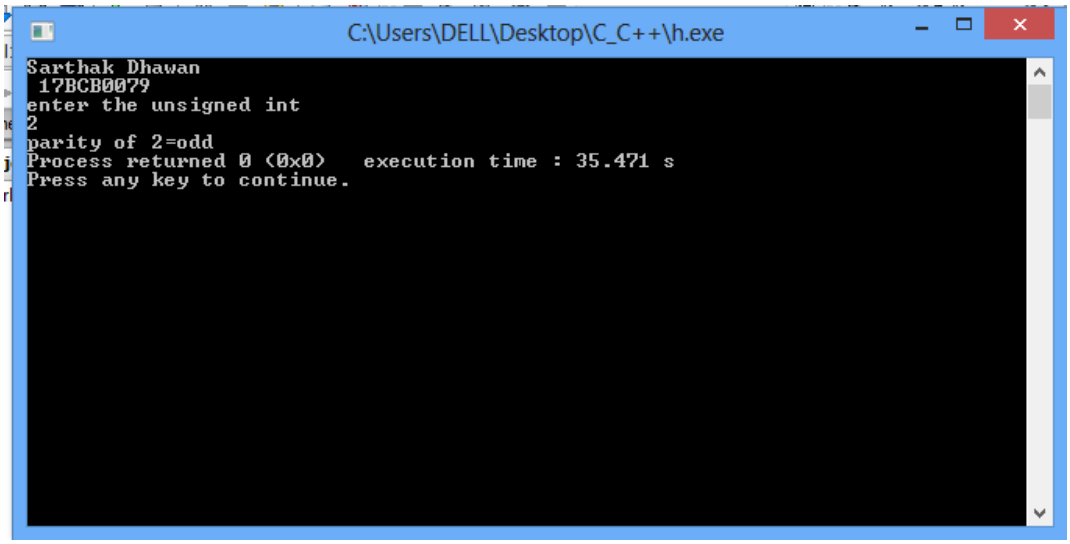
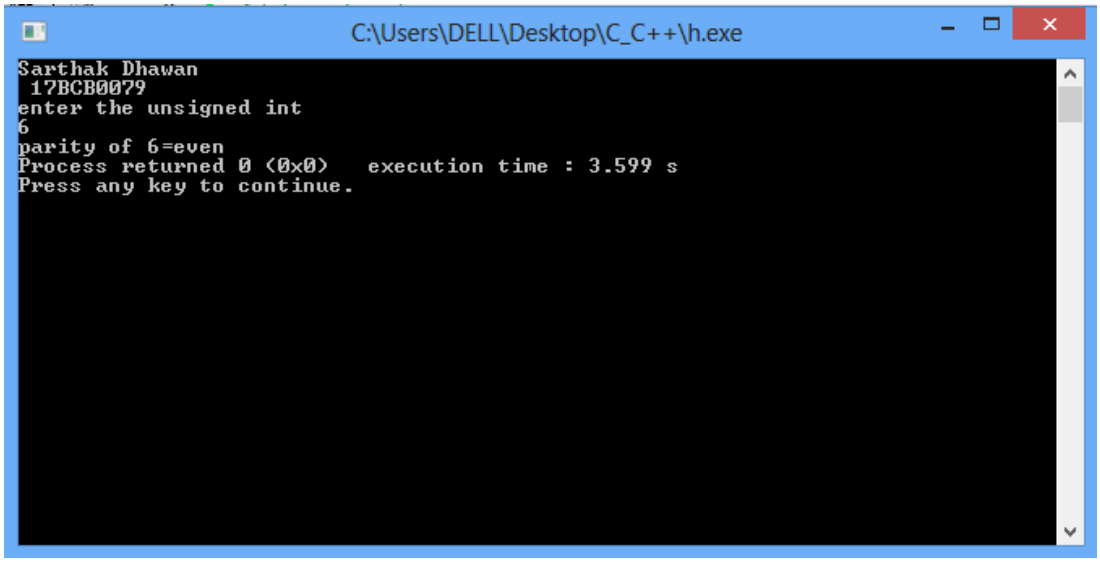
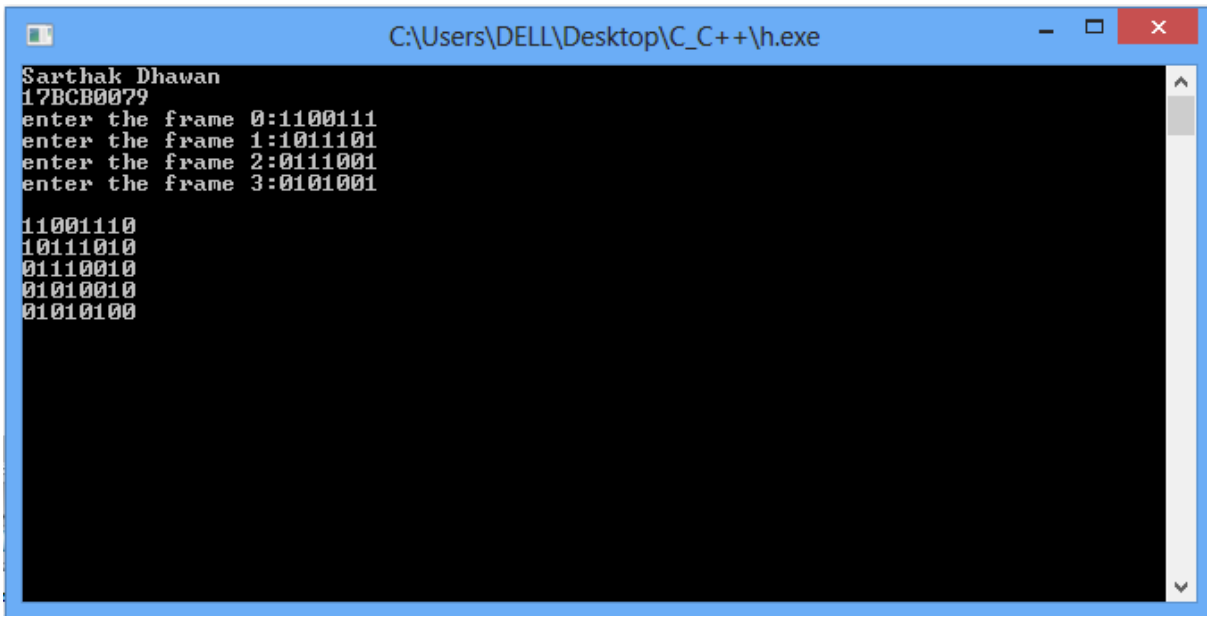
SAMPLE OUTPUT

1) SIMPLE PARITY CHECK





2) 2-D PARITY CHECK



3) CHECKSUM

Error:

```
ENTER SIZE OF THE STRING:1

ENTER THE ELEMENTS OF THE ARRAY FOR SENDER:10010011

*****SENDER*****
SUM IS: 10010011
SENDER's CHECKSUM IS:-10010012
ENTER THE ELEMENTS OF THE ARRAY FOR RECIEVER:1


*****RECEIVER*****
 RECEIVER SUM IS:1
RECEIVER's CHECKSUM IS:10010010

ERROR DETECTED
```

No error:

```
ENTER SIZE OF THE STRING:1

ENTER THE ELEMENTS OF THE ARRAY FOR SENDER:10010011

*****SENDER*****
SUM IS: 10010011
SENDER's CHECKSUM IS:-10010012
ENTER THE ELEMENTS OF THE ARRAY FOR RECIEVER:10010011


*****RECEIVER*****
 RECEIVER SUM IS:10010011
RECEIVER's CHECKSUM IS:0

NO ERROR IN TRANSMISSION
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4) Cyclic redundancy check (CRC)