


```
In [41]: # Program 5
def month(x):
    months = [' ', 'Jan', 'Feb', 'Mar', 'Apr', 'May', 'Jun', 'July', 'Aug', 'Sep', 'Oct', 'Nov', 'Dec']
    return months[x]
month(11)
```

Out[41]: 'Nov'

```
In [58]: # Program 6
def cheer(uitians):
    print("How do you spell winner?" +
          "\nI know,I know!"+"\\n"+' '.join(uitians.upper()+ '!')+
          "\\nAnd that's how you spell winner!"+"\\nGo Uitians!")
cheer('uitians')
```

How do you spell winner?
I know,I know!
U I T I A N S !
And that's how you spell winner!
Go Uitians!

```
In [63]: # program 8
def convert():
    x=24
    print('In Binar: ',bin(x))
    print('In Octal: ',oct(x))
    print('In Decimal: ',(x))
    print('In Hexa_decimal: ',hex(x))
convert()
```

In Binar: 0b11000
In Octal: 0o30
In Decimal: 24
In Hexa_decimal: 0x18

```
In [87]: # Program 9
FAAIZ={'Fees': 'Voucher', 'Name:': 'FAAIZ', 'Roll No.: ': '19B-005-SE', 'Semester:':
'Semester Fees:': '90,000 Rs.', 'Miscellaneous Fees:': '4,000 Rs.',
'Sports Fees:': '3000 Rs.', 'Total Paid:': '97,000 Rs.'}

AbdulWahab={'\nFees': 'Voucher', 'Name: ': 'Abdul Wahab', 'Roll No.: ': '19B-006-SE',
'Semester Fees: ': '90,000 Rs.', 'Miscellaneous Fees: ': '4000 Rs.',
'Sports Fees: ': '3000 Rs.', 'Total Paid: ': '97000 Rs.'}

Umer={'\nFees': 'Voucher', 'Name: ': 'Umer', 'Roll No.: ': '19B-004-SE', 'Semester: '
'Semester Fees: ': '90,000 Rs.', 'Miscellaneous Fees: ': '4000 Rs.',
'Sports Fees: ': '3000 Rs.', 'Total Paid: ': '97000 Rs.'}

for x, y in FAAIZ.items():
    print(x, y)
for x, y in AbdulWahab.items():
    print(x, y)
for x, y in Umer.items():
    print(x, y)
```

```
Fees Voucher
Name: FAAIZ
Roll No.: 19B-005-SE
Semester: 1st
Semester Fees: 90,000 Rs.
Miscellaneous Fees: 4,000 Rs.
Sports Fees: 3000 Rs.
Total Paid: 97,000 Rs.
```

```
Fees Voucher
Name: Abdul Wahab
Roll No.: 19B-006-SE
Semester: 1st
Semester Fees: 90,000 Rs.
Miscellaneous Fees: 4000 Rs.
Sports Fees: 3000 Rs.
Total Paid: 97000 Rs.
```

```
Fees Voucher
Name: Umer
Roll No.: 19B-004-SE
Semester: 1st
Semester Fees: 90,000 Rs.
Miscellaneous Fees: 4000 Rs.
Sports Fees: 3000 Rs.
Total Paid: 97000 Rs.
```

