

Body Mass index



```
age = int(input())
bmi = int(input())
if (age < 45 and bmi < 22) :
    print('Low')
elif (age > 45 and bmi < 22) :
    print('Medium')
elif (age < 45 and bmi > 22) :
    print('Medium')
elif (age >= 45 and bmi >= 22) :
    print('High')
```

India vs ENGLAND

```
no = int(input())
if no % 2 == 0 :
    print('INDIA')
else :
    print('ENGLAND')
```

Q. Grade:- ^{# Code} Score = int(input())

if (Score >= 85):

print('A')

elif (Score >= 70 and Score < 85)

print('B')

elif (Score >= 50 and Score < 70)

print('C')

elif (Score < 50):

print('D')

Q. Name of the Shape

n = int(input())

if n == 3:

print('Triangle')

elif n == 4:

print('Quad')

elif n == 5:

print('Pentagon')

elif n == 6:

print('Hexagon')

Indian Zodiac

year = int(input())

if (year % 12 == 8):

animal = 'Dragon'

elif (year % 12 == 9):

animal = 'Snake'

elif (year % 12 == 10):

animal = 'Horse'

elif (year % 12 == 11):

animal = 'Sheep'

elif (year % 12 == 0):

animal = 'Monkey'

elif (year % 12 == 1):

animal = 'Rooster'

elif (year % 12 == 2):

animal = 'Dog'

elif (year % 12 == 3):

animal = 'Rat'

elif (year % 12 == 4):

animal = 'Cat'

elif (year % 12 == 5):

animal = 'Ox'

animal = 'Horse'

print(animal)

Lesson 10

Q. Find Year

year = int(input())

if ((year % 4 == 0) and (year % 100 != 0))

or (year % 400 == 0):

print('Leap year' year)

else

print('Not leap year' year)

Q. Palindrome

n = int(input())

temp = n

rev = 0

while n > 0:

rev = rev * 10

rev = rev + n % 10

n = n // 10

n = int(n)

if rev == temp:

print('Palindrome')

else:

print('Not a Palindrome')

Check No.

```
n = int(input())
```

```
if n < 0:
```

```
    print('Negative')
```

```
elif n > 0:
```

```
    print('Positive')
```

```
elif n == 0:
```

```
    print('Zero')
```

Game of 12345 (Add the numbers)

```
n = int(input())
```

```
sum = 0
```

```
while n > 0:
```

```
    dig = n % 10
```

```
    sum = sum + dig
```

```
    n = int(n / 10)
```

```
print('The total sum of digit sum')
```

in/

9091972

37

Output

Indian National Holiday

```
nth = input()
```

```
dt = int(input())
```

```
if (nth == 'Jan') and (dt == 1):
```

```
    print('New Year')
```

```
elif (nth == 'Aug') and (dt == 15):
```

```
    print('Independence day')
```

```
elif (nth == 'Jan') and (dt == 26):
```

```
    print('Republic day')
```

```
else:
```

```
    print('No Holiday')
```

session 2