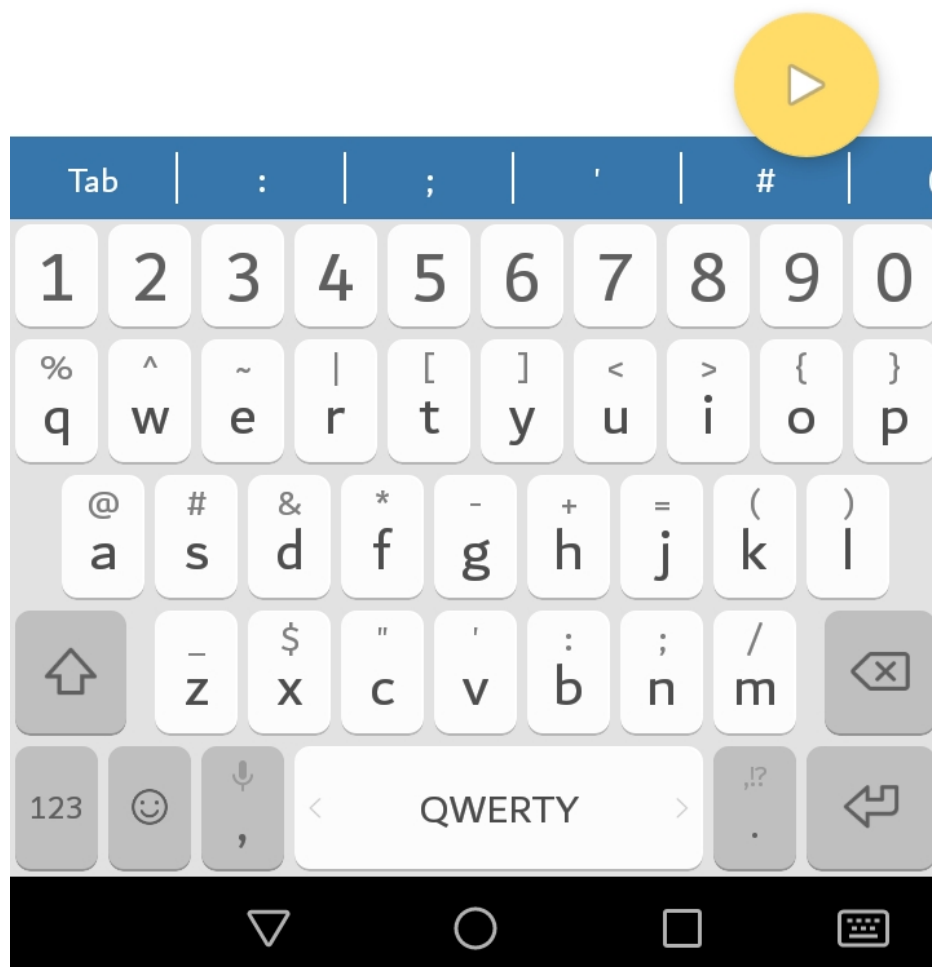




:Question 1

A#

```
1 d= {}
2 L1 = ['HTTP','HTTPS','FTP','DNS']
3 L2 = [80,433,21,53]
4 for r,z in zip(L1,L2):
5     d[r]=z
6 print(d)
```





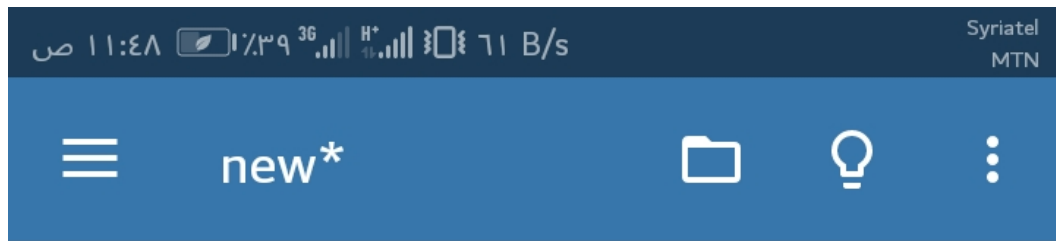
TAB



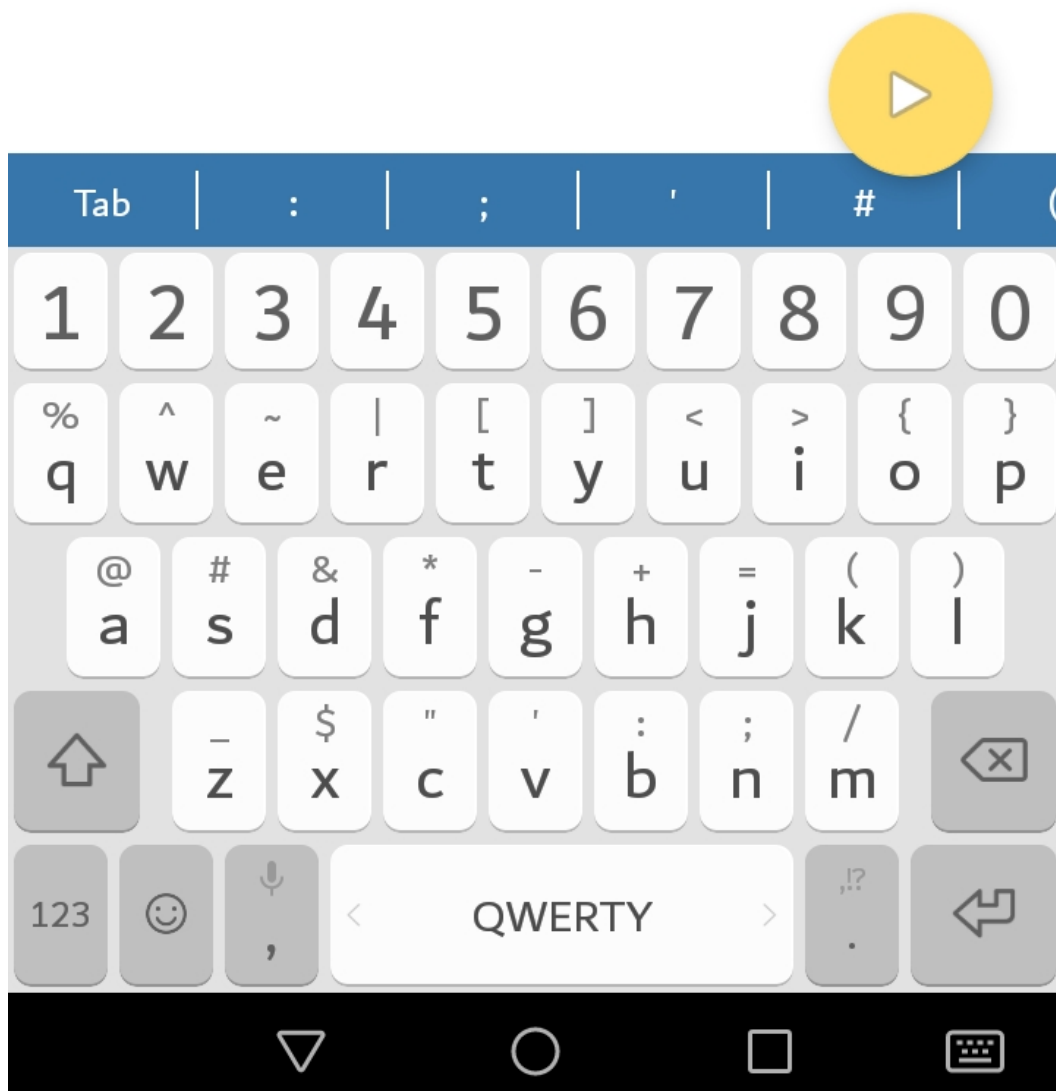
{'HTTP': 80, 'HTTPS:', 433, 'FTP': 21, 'DNS': 53}

[Program finished]





```
1 def factorial(a):
2     if a == 0:
3         return 1
4     else:
5         return a*factorial(a-1)
6 num =int(input("Enter a number:"))
7 result=factorial(num)
8 print(f"The factorial of {num} is {result}")
```



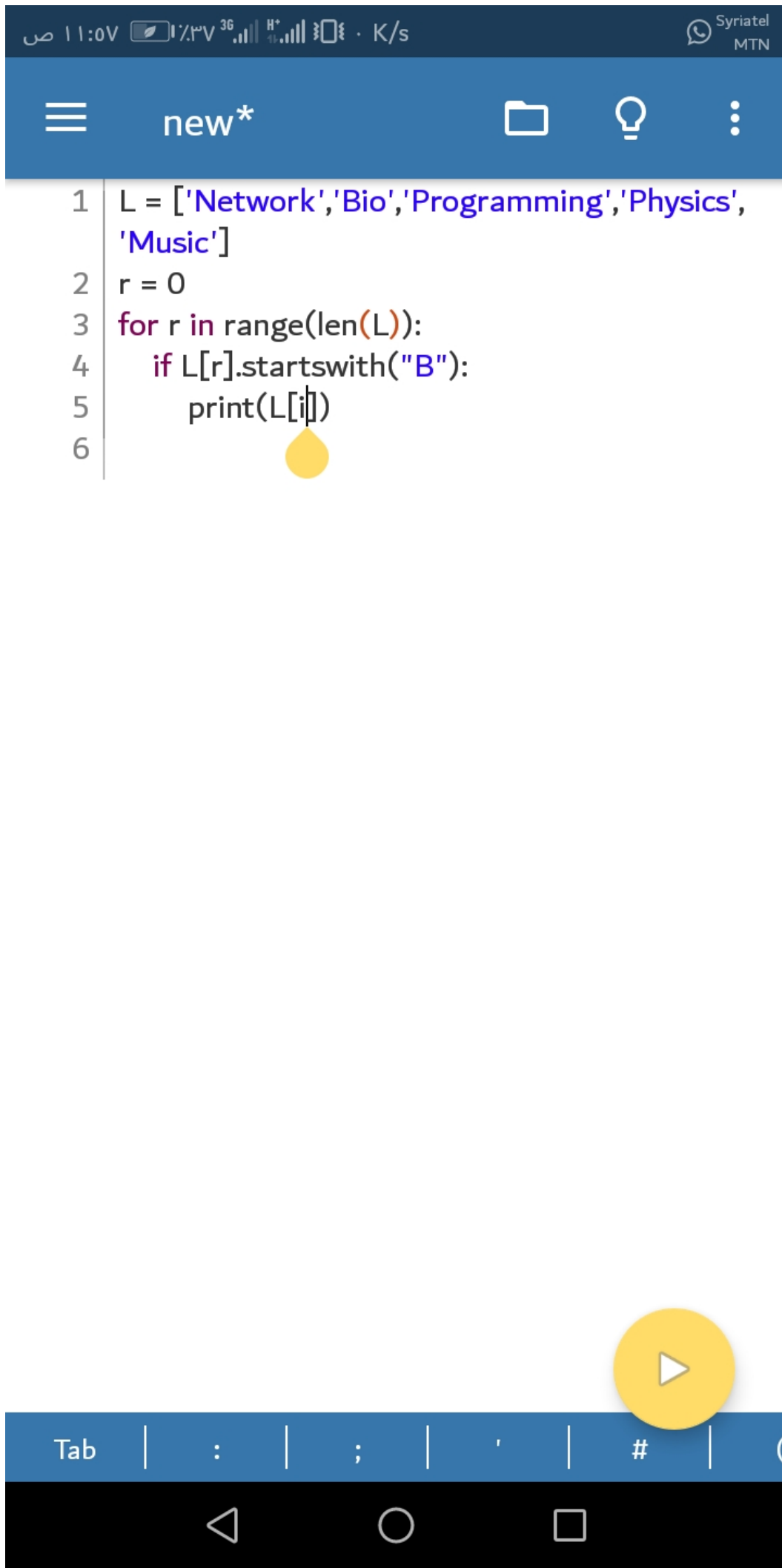


TAB



Enter a number:





The image shows a mobile application interface for editing code. At the top, there is a status bar with various icons and text. Below it is a blue header bar with a menu icon, the text 'new*', and icons for a folder, a lightbulb, and a vertical ellipsis. The main area contains a code editor with Python code. The code is as follows:

```
1 L = ['Network','Bio','Programming','Physics',  
2   'Music']  
3 r = 0  
4 for r in range(len(L)):  
5     if L[r].startswith("B"):  
6         print(L[i])
```

A yellow circular play button is positioned over the code. At the bottom, there is a blue keyboard with keys for 'Tab', ':', ';', "'", '#', and '('. Below the keyboard is a black navigation bar with three icons: a back arrow, a circle, and a square.



TAB



Bio

[Program finished]







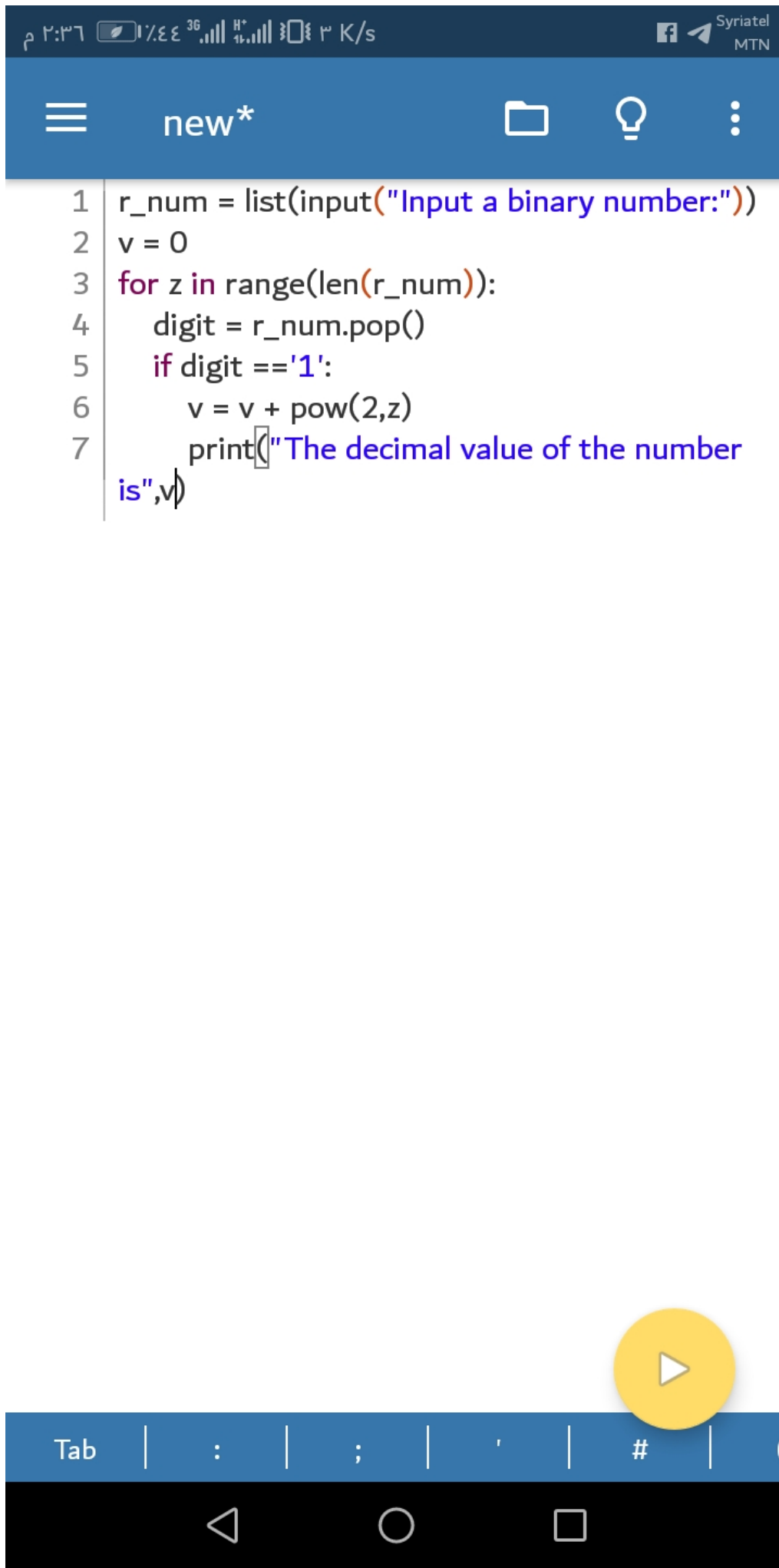
TAB



{0: 1, 1: 2, 2: 3, 3: 4, 4: 5, 5: 6, 6: 7, 7: 8, 8: 9, 9: 10
, 10: 11}

[Program finished]





The image shows a screenshot of a mobile application interface for editing code. At the top, there is a status bar with the time ٢:٣٦, battery level 1%, signal strength, and network providers Syriatel and MTN. Below the status bar is a blue header with a hamburger menu icon, the text 'new*', a folder icon, a lightbulb icon, and a vertical ellipsis icon. The main area contains Python code for converting a binary number to decimal. The code is as follows:

```
1 r_num = list(input("Input a binary number:"))
2 v = 0
3 for z in range(len(r_num)):
4     digit = r_num.pop()
5     if digit == '1':
6         v = v + pow(2,z)
7     print("The decimal value of the number
  is",v)
```

At the bottom of the screen, there is a keyboard with a blue header containing 'Tab', ':', ';', "'", '#', and '('. Below the keyboard is a black navigation bar with three icons: a back arrow, a circle, and a square. A yellow circular play button icon is overlaid on the right side of the screen.

[Program finished]