Untitled-1

```python
1   # %% [markdown]
2   # MUHAMMAD ABDULLAH
3   #
4   # B22F0577AI054
5   #
6   # AI BLUE
7   #
8   # PROGRAMMING FOR AI LAB # 8
9   #
10  # Submitted To: Mam Anila Habib
11
12  # %% [markdown]
13  # Lab Objective
14  #
15  # Functions:
16
17  # %% [markdown]
18  # Question:1
19  #
20  # Calling Function
21
22  # %%
23  def MABS():
24      print("Muhammad Abdullah")
25      print("B22F0577AI054")
26  MABS();
27
28  # %% [markdown]
29  # Question:2
30  #
31  # Function calling with predefined strings
32
33  # %%
34  def AI(name):
35      print("My name is:",name)
36  AI("MUHAMMAD ABDULLAH")
37
38  # %% [markdown]
39  # Question:3
40  #
41  # Simply displaying department by using above concepts combinally
42
43  # %%
44  def MABS(name, section, department, registration_number):
45      print("Name:", name)
46      print("Section:", section)
47      print("Department:", department)
48      print("Registration Number:", registration_number)
49
50
51  MABS("MUHAMMAD ABDULLAH", "AI BLUE", "IT AND CS", "B22F0577AI054")
52
53
```

```python
# %% [markdown]
# Question:4
#
# Stored And Reused Steps

# %%
def thing():
  print('Hello')
  print('Fun')
thing()
print('Zip')

# %% [markdown]
# Question:5
#
# Type conversions

# %%
print(float(99) / 100)
i= 42
type(i)
print(i)
f = float(i)
print(f)
type(f)
print(1 +2 * float(3) / 4-5)

# %% [markdown]
# Question:6
#
# Function Definition concept

# %%
def thing():
    print('Hello')
    print('Fun')
thing()
print('Zip')
thing()

# %% [markdown]
#  Question:7
#
#  Max Function

# %%

big= max('Hello world')
print(big)


# %% [markdown]
#  Question:8
#
#  Min Function
```

```
110
111  # %%
112  tiny= min('Hello world')
113  print(tiny)
114
115  # %% [markdown]
116  # Question:9
117  #
118  # String Conversions
119
120  # %%
121  sval = '123'
122  type(sval)
123  ival = int(sval)
124  type(ival)
125  print(ival + 1)
126  nsv = 'hello bob'
```