```
def shownumbers():
    for i in range(1,11):
        print(i,end=' ')
```

definition

shownumbers

Entrypoint

```
for i in range(1,11):
    print(i,end=' ')
```

Exit

call

```
shownumbers()
```

```
def table():
  for i in range(1,11):
    print(6,'*',i,'=',6*i)
```

table function destination.

table

entry point

exit

```
for i in range(1,11):
  print(6,'*',i,'=',6*i)
```

table function call

```
table()
```

Note: global variable can be accessed in any function definition.

definition

```
def table():
  for i in range(1,11):
    print(table_num,'*',i,'=',table_num * i)
```

```
table_num = 5 # global variable
table()
```

```
5 * 1 = 5
5 * 2 = 10
5 * 3 = 15
5 * 4 = 20
5 * 5 = 25
5 * 6 = 30
5 * 7 = 35
5 * 8 = 40
5 * 9 = 45
5 * 10 = 50
```

Entry Point

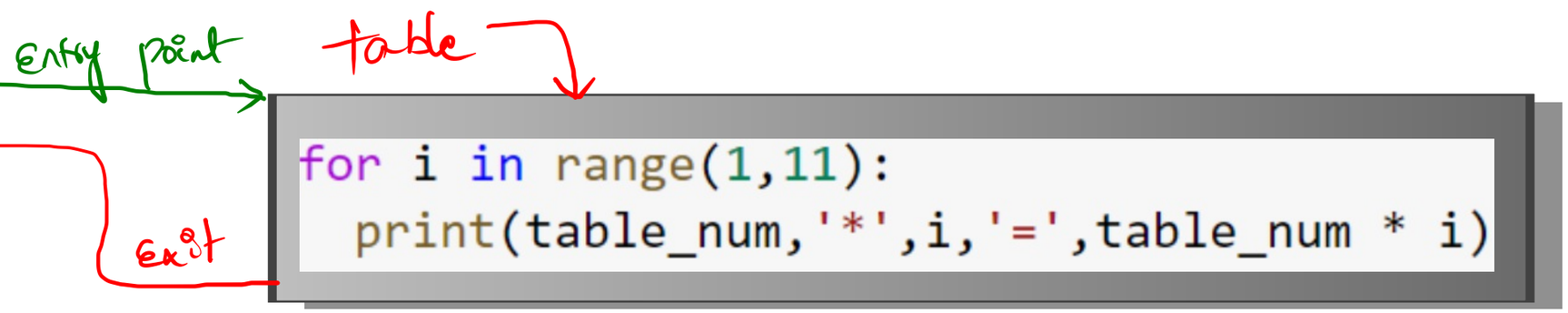
Exit

table

```
for i in range(1,11):
  print(table_num,'*',i,'=',table_num * i)
```

```python
def table():
  for i in range(1,11):
    print(table_num,'*',i,'=',table_num * i)
```

```python
table_num = 8
table()
```




```
8 * 1 = 8
8 * 2 = 16
8 * 3 = 24
8 * 4 = 32
8 * 5 = 40
8 * 6 = 48
8 * 7 = 56
8 * 8 = 64
8 * 9 = 72
8 * 10 = 80
```

```python
def table():
  for i in range(start_value, stop_value + 1):
    print(table_num,'*',i,'=',table_num * i)
```

```python
table_num = 7
start_value = 5
stop_value = 15
```

global Variables

table

```python
for i in range(start_value, stop_value + 1):
  print(table_num,'*',i,'=',table_num * i)
```

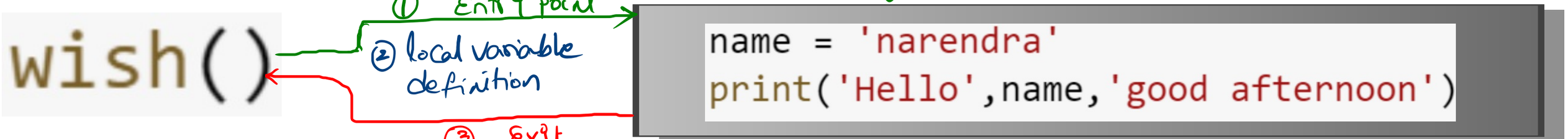
```python
name = 'srinath' # global variable
def wish():
    name = 'narendra' # local variable
    print('Hello',name,'good afternoon')
```

wish

```
name = 'narendra'
print('Hello',name,'good afternoon')
```

Note: first preference goes to local variable

```python
name = 'srinath' # global variable
def wish():
    name = 'narendra' # local variable
    print('Hello',name,'good afternoon')
```



④ local variable will be deleted