

The screenshot displays the PyCharm IDE interface. The top toolbar includes icons for file operations, running, and debugging. The main editor window shows a file named `main.py` with the following Python code:

```
1 num = 5
2 print(type(num))
3 num2 = 5.0
4 print(type(num2))
5 num3 = 5+9j
6 print(type(num3))
7 a = 5.6
8 b = int(a)
9 print(b)
10 c = 5
11 print(float(c))
12 d = 6
13 e = complex(c,d)
14 print(e)
15 print(bool(c<d))
```

Below the editor is the Run console, which shows the execution of the script. The command executed is `C:\Users\SHIVANI\PycharmProjects\bhavaninaraju\.venv\Scripts\python.exe C:\Users\SHIVANI\PycharmProjects\bhavaninaraju\main.py`. The output of the script is as follows:

```
<class 'int'>
<class 'float'>
<class 'complex'>
5
5.0
(5+9j)
True
<class 'list'>
<class 'tuple'>
<class 'str'>
<class 'set'>
<class 'dict'>
```

The console also indicates that the process finished with exit code 0.

The screenshot shows the PyCharm IDE interface. The top toolbar includes icons for file operations, running, and debugging. The main editor window displays a file named `main.py` with the following Python code:

```
16 radha = [9,10,27,36]
17 print(type(radha))
18 krishna = (45,54,63,72)
19 print(type(krishna))
20 dhraupathi="Arjuna"
21 print(type(dhraupathi))
22 rukmini = {"radheeeeeee"}
23 print(type(rukmini))
24 kunthi = {'dharamaraj': '1', 'bheem': '2', 'arjun': '3', 'nakula': '4', 'sahadev': '5'}
25 print(type(kunthi))
26
27
28
29
```

Below the editor is the 'Run' window, which shows the command used to execute the script and its output:

```
C:\Users\SHIVANI\PycharmProjects\bhavaninaraju\.venv\Scripts\python.exe C:\Users\SHIVANI\PycharmProjects\bhavaninaraju\main.py
<class 'int'>
<class 'float'>
<class 'complex'>
5
5.0
(5+6j)
True
<class 'list'>
<class 'tuple'>
<class 'str'>
<class 'set'>
<class 'dict'>
Process finished with exit code 0
```

The status bar at the bottom indicates the file encoding is UTF-8, the line ending is CRLF, and the Python version is 3.7.

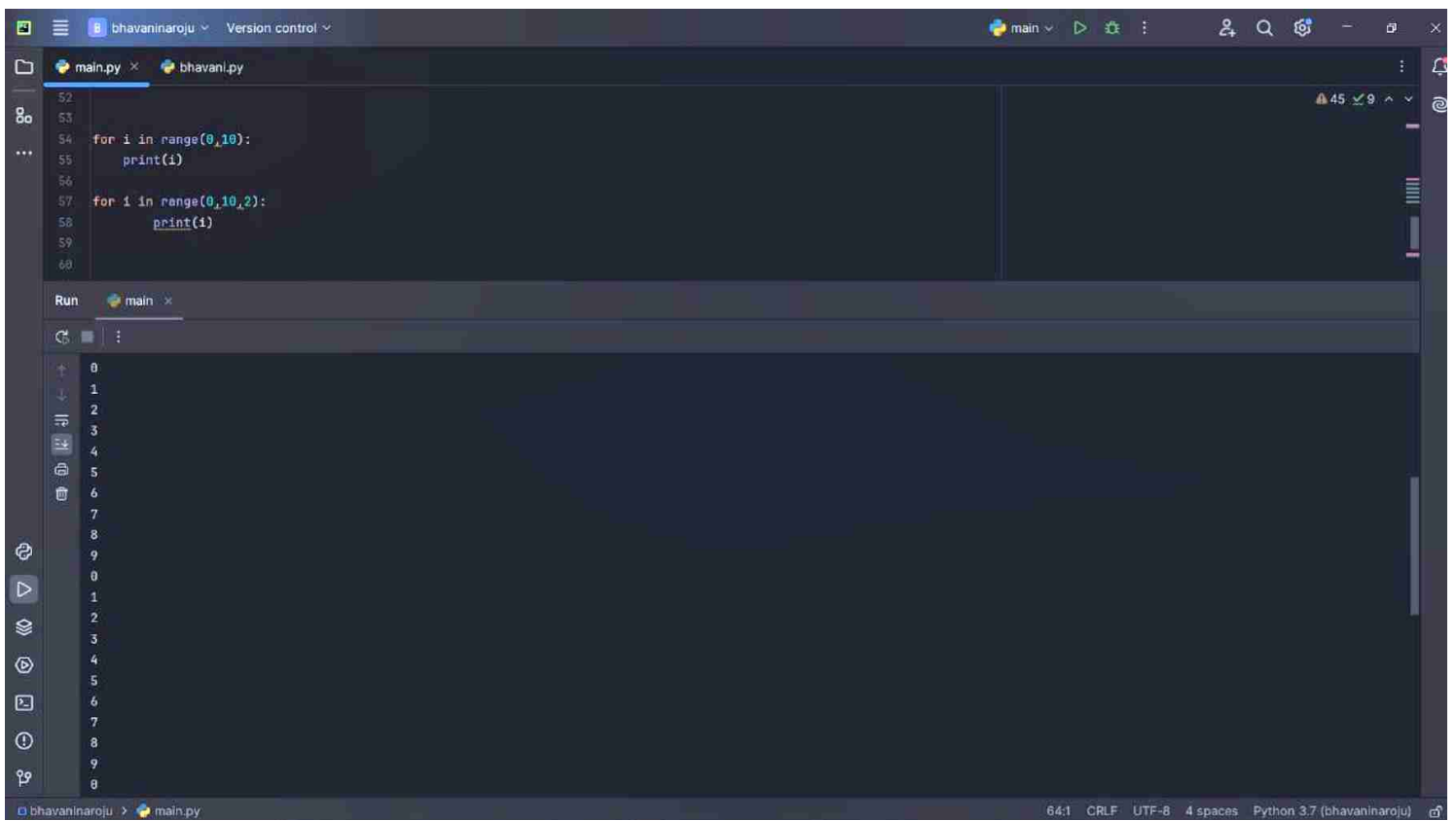
The image shows a Visual Studio Code editor window with a Python file named `main.py`. The code in the editor is as follows:

```
1 num = 5
2 print(type(num))
3 num2 = 5.0
4 print(type(num2))
5 num3 = 5+9j
6 print(type(num3))
7 a = 5.6
8 b = int(a)
9 print(b)
10 c = 5
11 print(float(c))
12 d = 6
13 e = complex(c,d)
14 print(e)
15 print(bool(c<d))
```

Below the editor, the Run and Debug console shows the output of the script:

```
<class 'int'>
<class 'float'>
<class 'complex'>
5
5.0
(5+9j)
True
Process finished with exit code 0
```

The status bar at the bottom indicates the file encoding is UTF-8, the line ending is CRLF, and the Python interpreter is Python 3.7 (bhavaninaroju).



The image shows a Visual Studio Code editor window with a dark theme. The editor has two tabs open: `main.py` and `bhavani.py`. The `main.py` tab is active, displaying the following Python code:

```
63  
64 a=[136,287,3,4000,4,55,55,66,77,88,]  
65 for i in a:  
66     print(i)  
67  
68 b='bheeshma'  
69 for i in b:  
70     print(i)
```

Below the editor, the Run and Debug console is visible, showing the output of the script:

```
0  
2  
4  
6  
8  
136  
287  
3  
4000  
4  
55  
55  
66  
77  
88  
b  
h  
e  
s  
h  
m  
a
```

The status bar at the bottom indicates the file encoding is UTF-8, the line ending is CRLF, and the Python version is 3.7.

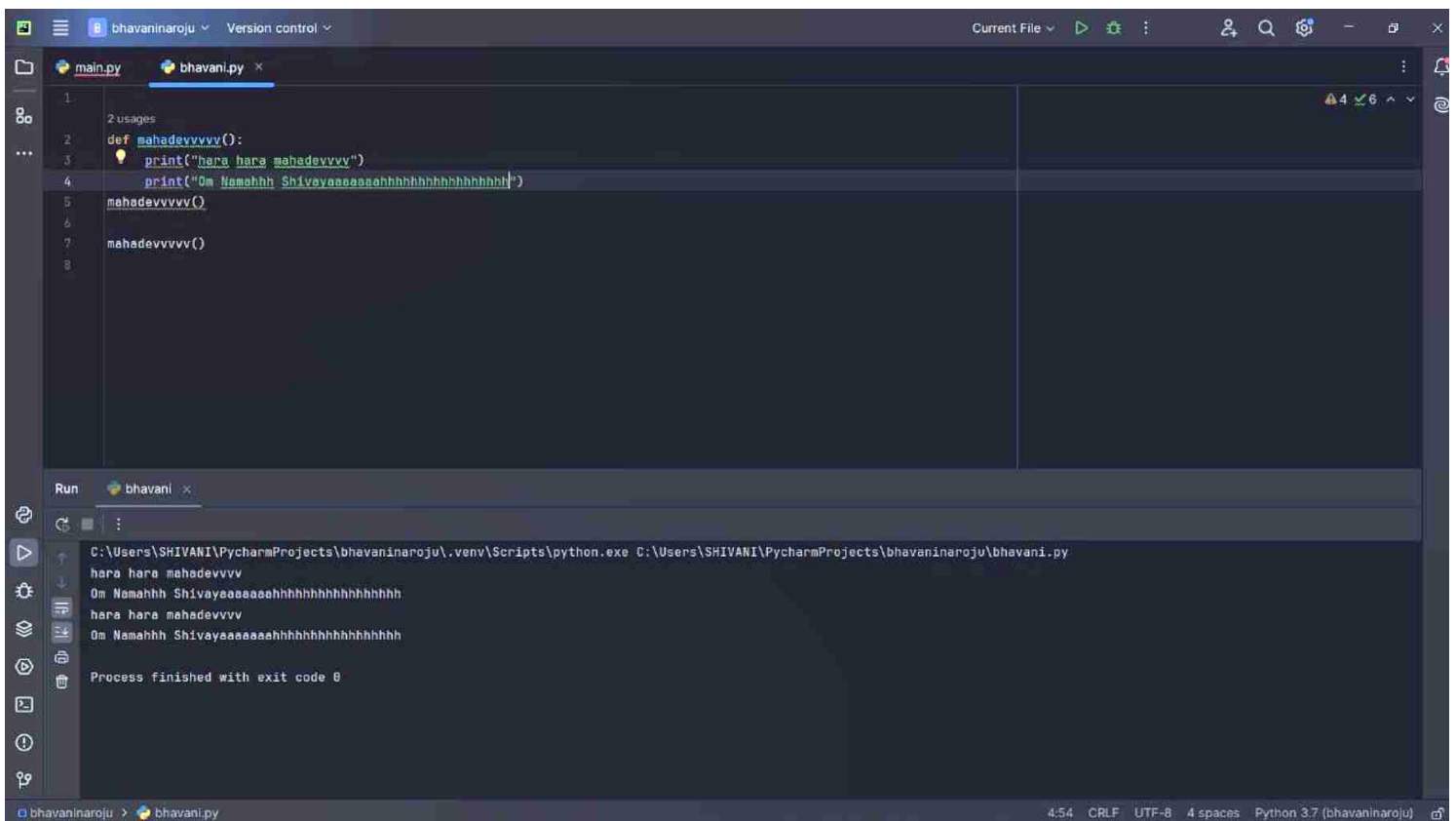
The screenshot shows a Python IDE with a file named `main.py` open. The code in the editor is as follows:

```
27  
28  
29 c = 1,2,3  
30 print(c)  
31 a = 5  
32 b = 4  
33 c = a+b  
34 print(c)  
35 d = a-b  
36 print(d)  
37 e = a*b  
38 print(e)  
39 f = a**b  
40 print(f)  
41 g = a/b  
42 print(g)
```

The script has been executed, and the output is displayed in the console window below the editor:

```
(1, 2, 3)  
9  
1  
20  
625  
1.25  
Process finished with exit code 0
```

The status bar at the bottom indicates the file encoding is UTF-8, the indentation style is 4 spaces, and the Python version is 3.7.



The image shows a Visual Studio Code editor window with a dark theme. The top bar displays the username 'bhavaninaraju' and the 'Version control' tab. The editor has two tabs open: 'main.py' and 'bhavani.py'. The 'main.py' tab is active, showing a Python script with the following code:

```
77  
78 yashodha=9  
79 while yashodha<15:  
80     print("brundhavan",yashodha)  
81     yashodha+=1  
82
```

Below the editor, the 'Run' console is open, showing the output of the script. The output consists of 15 lines, each displaying 'brundhavan' followed by a number from 9 to 14, representing the value of 'yashodha' at each iteration of the loop.

```
↑  
↓  
brundhavan 9  
brundhavan 10  
brundhavan 11  
brundhavan 12  
brundhavan 13  
brundhavan 14  
brundhavan 9  
brundhavan 10  
brundhavan 11  
brundhavan 12  
brundhavan 13  
brundhavan 14  
brundhavan 9  
brundhavan 10  
brundhavan 11  
brundhavan 12  
brundhavan 13  
brundhavan 14  
brundhavan 9  
brundhavan 10  
brundhavan 11  
brundhavan 12  
brundhavan 13  
brundhavan 14
```

The bottom status bar indicates the file encoding as 'UTF-8', the indentation as '4 spaces', and the Python version as 'Python 3.7 (bhavaninaraju)'.

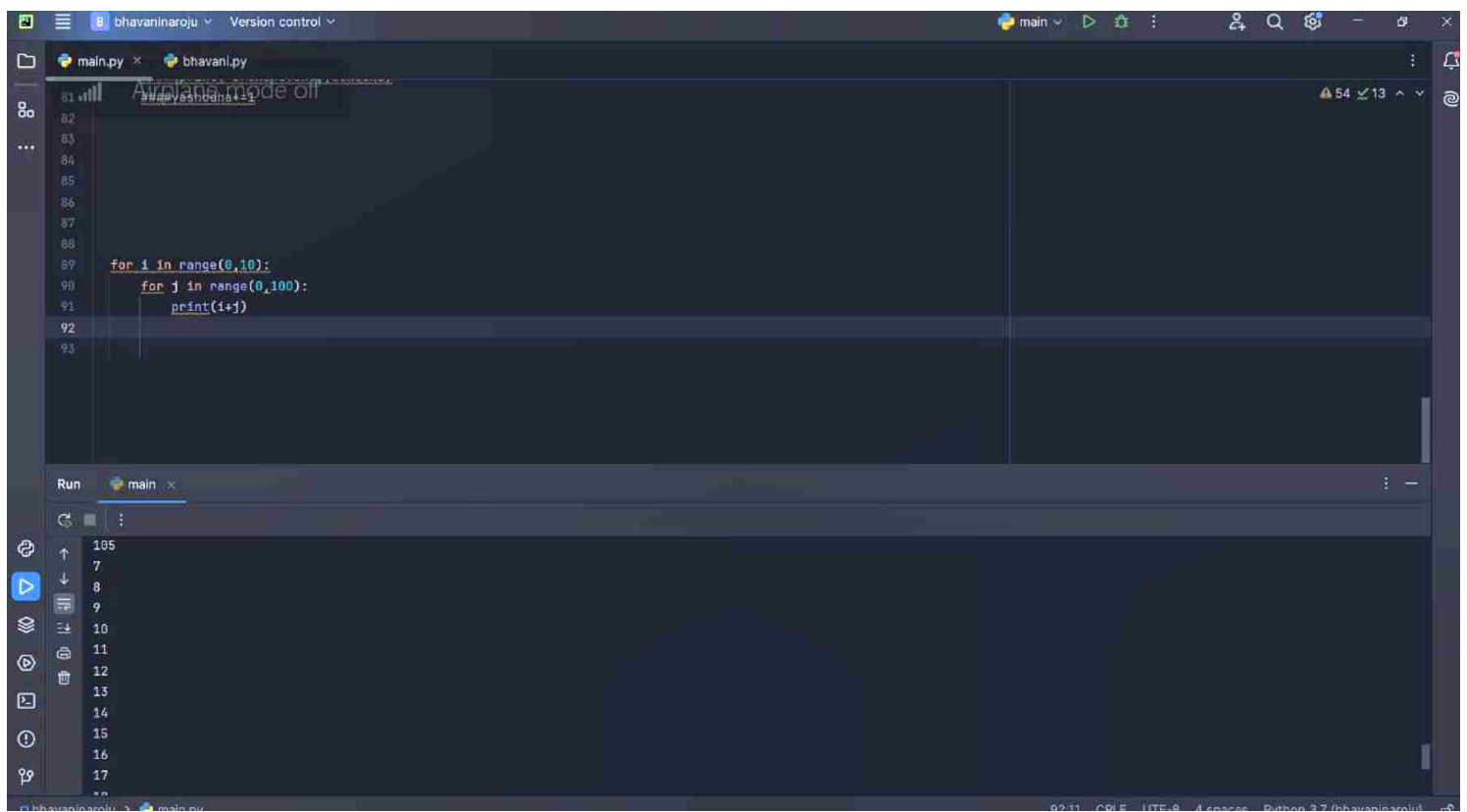
The screenshot shows a code editor with two tabs: `main.py` and `bhavanl.py`. The `main.py` tab is active, displaying the following Python code:

```
78 yashodha=9
79 while yashodha<15:
80     print("brundhavan","krishna")
81
82
83
```

Below the code editor, the `Run` panel shows the output of the script, which is a repeated sequence of the string `brundhavan krishna`:

```
brundhavan krishna
brundhavan krishna
brundhavan krishna
brundhavan krishna
brundhavan krishna
brundhavan krishna
brundhavan krishna
brundhavan krishna
brundhavan krishna
brundhavan krishna
brundhavan krishna
brundhavan krishna
brundhavan krishna
brundhavan krishna
brundhavan krishna
brundhavan krishna
brundhavan krishna
brundhavan krishna
brundhavan krishna
brundhavan krishna
```

The status bar at the bottom indicates the file encoding is UTF-8, the line ending is CRLF, and the Python version is 3.7.



The screenshot displays the PyCharm IDE interface. The top toolbar includes icons for file operations, running, and search. The left sidebar shows the project structure with files `main.py` and `bhavani.py`. The main editor window shows the code in `bhavani.py`:

```
2 def mahadevvvvv():
3     print("hara hara mahadevvvv")
4     print("Om Namahhh Shivayaaaaaahhhhhhhhhhhhhhhhh")
5     mahadevvvvv()
6
7     mahadevvvvv()
8
9
10
11 2 usages
12 def add(a,b):
13     c=a+b
14     print(c)
15
16 add(a=5, b=6)
17 add(a=108, b=904)
```

The bottom panel shows the Run output for `bhavani.py`:

```
C:\Users\SHIVANI\PycharmProjects\bhavaninaraju\.venv\Scripts\python.exe C:\Users\SHIVANI\PycharmProjects\bhavaninaraju\bhavani.py
hara hara mahadevvvv
Om Namahhh Shivayaaaaaahhhhhhhhhhhhhhhhh
hara hara mahadevvvv
Om Namahhh Shivayaaaaaahhhhhhhhhhhhhhhhh
11
1014

Process finished with exit code 0
```

The status bar at the bottom indicates the file encoding is UTF-8, 4 spaces indentation, and Python 3.7 (bhavaninaraju).