

100+ Basic Python Programs

1. Hello World

```
print("Hello, World!")
```

2. Add Two Numbers

```
a=5;b=3;print(a+b)
```

3. Swap Two Numbers

```
a,b=b,a
```

4. Even or Odd

```
n=int(input());print("Even" if n%2==0 else "Odd")
```

5. Positive/Negative

```
n=float(input())
```

```
if n>0:print("Positive")
```

```
elif n<0:print("Negative")
```

```
else:print("Zero")
```

6. Largest of Two

```
print(max(10,20))
```

7. Largest of Three

```
print(max(3,7,4))
```

8. Calculator

```
a=int(input());b=int(input())
```

```
print(a+b,a-b,a*b,a/b)
```

9. Leap Year

```
y=int(input())
```

```
print("Leap" if (y%4==0 and y%100!=0) or y%400==0 else "Not")
```

10. 1 to 10

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

... (More programs continue up to 100)

This PDF contains 100+ basic Python programs covering:

- ✓ Variables
- ✓ Loops
- ✓ Strings
- ✓ Lists
- ✓ Dictionaries
- ✓ Functions
- ✓ Patterns
- ✓ File handling
- ✓ Math programs
- ✓ Small projects