

# Class 1 - July 8th Notes

## Slide 16

Steps needed to develop...

1) Enter the n no. of stocks and names of the stocks 2) Get historical data from API 3) Do the calculation for variance and cov. 4) Display in a pie chart and text

*# Exercise 1 - Slide*

```
print("My name is Rohil")
print("I am in MSF Python")
```

```
My name is Rohil
I am in MSF Python
```

*# Exercise 2 - Slide 31*

```
sum = float(input("Enter the sum of money"))
r = float(input("Enter the interest rate(in %)") )

r = r/100
FV = 0
FV = sum*(1+r)

print("The Investment one year from today {}".format(FV))
```

```
The Investment one year from today 106.0
```

*# Exercise 3 - Slide 36*

```
sum = float(input("Enter the sum of money: "))
r = float(input("Enter the interest rate(in %): "))
n = float(input("Enter the number of year: "))
# sum = 1335
# r = 9
# n = 4

r = r/100
FV = sum*((1+r)**n)

# print("\n\n\nThe Investment after four year from today $
{}".format(round(FV, 2)))
print("\n\n\nThe Investment after four year from today $", format(FV,
',.2f'), sep='')
```

The Investment after four year from today \$1,884.46

*# Exercise 4 - Slide 37*

```
sum = float(input("Enter the sum of money: "))
r = float(input("Enter the interest rate(in %): "))
n = float(input("Enter the number of year: "))
# sum = 100
# r = 2
# n = 2

r = r/100
FV = sum*((1+r)**n)

# print("\n\n\nThe Investment after four year from today $
{}".format(round(FV, 2)))
print("\n\n\nThe Investment after four year from today $", format(FV,
',.2f'), sep='')

```

The Investment after four year from today \$104.04