**Module 5**

def project\_profit\_loss(materials\_cost, labor\_cost, overhead\_cost, projected\_savings):

total\_project\_cost = materials\_cost + labor\_cost + overhead\_cost

project\_profit\_loss = projected\_savings - total\_project\_cost

project\_profit\_loss\_percent = (project\_profit\_loss / total\_project\_cost) \* 100

return total\_project\_cost, project\_profit\_loss, project\_profit\_loss\_percent

continueAnalysis = "Y"

while continueAnalysis == "Y":

materials\_cost = float(input("Please enter the materials cost: "))

labor\_cost = float(input("Please enter the labor cost: "))

overhead\_cost = float(input("Please enter the overhead cost: "))

projected\_savings = float(input("Please enter the projected savings or increase in revenue: "))

total\_project\_cost, project\_profit\_loss, project\_profit\_loss\_percent = project\_profit\_loss(materials\_cost, labor\_cost, overhead\_cost, projected\_savings)

print("Total project cost: ", total\_project\_cost)

print("Project profit/loss: ", project\_profit\_loss)

print("Project profit/loss as a percent of total cost: ", project\_profit\_loss\_percent)

continueAnalysis = input("Do you want to analyze another project? (Y/N): ")