

# *An Assignment Template*

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This is the abstract for the assignment. Here you state what the assignment is and provide any additional introduction or commentary that you care to.

## COMMAND LINE STUFF

Here are an explain of calculation.

```
$ This is a step in the calculation of a parabola
First make a=-9.8
V0=3.0
Y0=10.0
Dt=0.1
T=0.0
V=v0
Y=y0
This is a prerequisite for computing
then enter the function
finally print "the number is "+str(t)+" sec "
print "the final velocity is "+str(v)+"meter/sec"
```

IBM.jpg

Figure 1: This is a margin figure. Here is where you put the caption for your margin figure.

This is a margin note you can use to comment on what you are doing in the command line.

## REPRESENTING PYTHON CODE IN YOUR ASSIGNMENT

```
a=-9.8
v0=3.0
y0=10.0
dt=0.1
t=0.0
```

Here you can comment on your python code.

```
v=v0
y=y0

while y>0.0:
    t=t+dt
    v=v+a*dt
    y=y+v*dt

print "the number is "+str(t)+" sec "
print "the final velocity is "+str(v)+"meter/sec"
```

```
the number is 1.8 sec
the final velocity is -14.64meter/sec
```

This indicates the output of your program.