
```
%Assignment 8, Question 1
%Coded by: Nicholas Paul
%For: Dr. Martha Dagneu. CEE 2219b
%March 18th 2019
```

Question 1 a.

```
%Decalre initial variables
height = 30;
n = 6;

%Create Function
func =@(elevation) 200*(elevation / (5+
    elevation))*exp((-2*elevation)/height);

%Pass Function to the appropriate file to compute
disp(Nicholas_Paul_TrapzFunc(func,0,height,n));

1.4027e+03
```

Question 1 b.

```
%Decalre initial variables
height = 30;
n = 6;

%Create Function
func =@(elevation) 200*(elevation / (5+
    elevation))*exp((-2*elevation)/height);

%Pass Function to the appropriate file to compute
disp(Nicholas_Paul_SimpsonOneThirdFunc(func,0,height,n));

1.5861e+03
```

Published with MATLAB® R2018a