**Assignment 1**

**Simple function**

Code:-

function area =tri\_area(b,h)

area= 0.5\*b\*h;

**Assignment 2**

Corner case

Code:-

function [a,b,c,d]=corners(x)

a=x(1,1)

b=x(1,end)

c=x(end,1)

d=x(end,end)

end

**Assignment**

Taxi Fare

Code:-

function fare=taxi\_fare(d,t)

fkm=1;

add\_km=d-fkm;

count\_add\_km=ceil(add\_km);

cost\_km=(fkm\*5)+(count\_add\_km\*2);

count\_waittime=ceil(t);

cost\_waittime=count\_waittime\*0.25;

fare=cost\_km+cost\_waittime;