Inputs

L = Input(Int) (Length)

W = Input(int) (Width)

H = Input(int) (Height)

Wind = Input(int) (#ofWindows)

WL = WindowLength

WW = WindowWidth

DoorNum = (2) (number of doors)

DL = DoorLength

DW = DoorWidth

CostSQFT = 5.00

Peak W = L x W + ½ (L x(H-W))

Normal W = L x W

Algorithm

L = Input(Int) (Length)

W = Input(int) (Width)

H = Input(int) (Height)

Wind = Input(Int) (Length)

WL = Input(int) (Width)

WW = Input(int) (Height)

Doornum= Input(Int) (Length)

DL = Input(int) (Width)

DW = Input(Int) (Length)

CostSQFT = Input(int) (Width)

WindowDim = (WL x WW) x Wind

DoorDim = (DL x DW) x DoorNum

Peak = L x W + ½ (L x(H-W))

Normal = L x W

PaintArea = (Peak + Normal)

SubtractFrom = (WindowDim + DoorDim)

PaintAreaFin = (PaintArea – SubtractFrom)

FinCost = (PaintAreaFin x 5)

```
//inputs
System.out.print("please enter width of house in feet: ");
double housewidth = sc.nextDouble();

System.out.print("please enter length of house in feet: ");
double houselength = sc.nextDouble();

System.out.print("please enter the height of house in feet");
double househeight = sc.nextDouble();

double sqft = (housewidth * houselength);
```

```
double peakSQ = (houselength * housewidth) + .5*(houselength*(househeight - housewidth));
System.out.print(peakSQ);
```