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 Assignment : Software Project Management

{

 int a;

 x=x+0.5;

 a=x;

 return(a);

}

void main()

{

 float effort,time,staff,productivity;

 float table[3][4]={2.4,1.05,2.5,0.38,3.0,1.12,2.5,0.35,3.6,1.20,2.5,0.32};

 int size,model;

 char mode[][15]={Organic,Semi-Detached,Embedded};

 clrscr();

 printf(nEnter size of project (in KLOC) );

 scanf(%d,&size);

 if(size=2 && size=50)

 model=0; organic

 else if(size50 && size=300)

 model=1; semi-detached

 else if(size300)

 model=2; embedded

 printf(nThe mode is %sn,mode[model]);

 effort=table[model][0]pow(size,table[model][1]);

 time=table[model][2]pow(effort,table[model][3]);

 staff=efforttime;

 productivity=sizeeffort;

 printf(nEffort = %f Person-Month,effort);

 printf(nnDevelopment Time = %f Months,time);

 printf(nnAverage Staff Required = %d Persons,fround(staff));

 printf(nnProductivity = %f KLOCPerson-Month,productivity);

getch();

}