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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();

}