

ENG 224 ASSIGNMENT

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18/ENG02/090

COMPUTER ENGINEERING

1.))

```
1.) #include<stdio.h>
2.) Int main()
3.) Int w,d,y ;
4.) {
5.) D=1343
6.) Y=(d%365)/7;
7.) D=d-((y*365)+(w*7);
8.) Printf("year: %d\n",y);
9.) Printf("week: %d\n",w);
10.)Printf("days: %d\n",d);
11.)Return 0;
```

2.))

```
#include<stdio.h>
#include<math.h>
{
Float x1,y1,x2,y2,distance;
Printf("enter point 1(x1,y1)\n");
Scanf("%f%f",&x1,&y1);
Printf("enter point 2 (x2,y2)\n");
Scanf("%f%f",&x2,&y2);
Distance=sqrt((x2-x1)*(x2-x1)+(y2-y1)*(y2-y1))
Printf("distance between (%f,%f)and(%f,%f) is %f\n",x1,y1,x2,y2,distance
Return0;
```

3.))

```
#include<stdio.h>
#include<math.h>
Int main()
{
Float a,b,c, flag=0,p
If(a>b)
{
Flag=((b+c)>a);
}
Else if (b>c)
{
```

```

Flag=((a+c)>b);
}
Else
{
Flag=((a+b)>c);
}
If (flag)
{
P=(a+b+c)
Printf("perimeter is %f\n",p);
}
Else
{
Print("invalid triangle\n");
}

```

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4.))
#include<iostream>
Using namespace sfd;
Int main()
{
Int a,b,c
a=still a baby
b=attending school
c=adult life
int age,cout=0,l,n;
cout<<"enter how many persons; ",l;
cin>>n;
for(i=0,i<=20,i++)
{
Cout<<"enter age of person: ",l;
Cin>>age;
If(age<=5&&&age>=17&&&age>=18 cout ++;
}
Cout<<"total person in the age group 0 to 5,6 to 17,18 and over";
"<<cout";
Return0;

```

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5.))
#include<stdio.h>
#include<stdlib.h>
Void main()
Int randomNo,input;

```

```
Time_t t;
Srand((unsigned) time(&t));
randomNo=rand()%100+1;
Printf("%d",randomNo);
DO{
Printf("enter a number from 1 to 100\n");
Scanf("%d",input);
If(randomNo>input){
Printf("number guessed is low\n");
}else if (randomNo<input{
Printf("number guessed is high\n");
}
{While (random No1=input);
Printf("bullseye\n");
}
```