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**DEPT: ELECTRICAL AND ELECTRONIC ENGINEERING**

**MATRIC NO: 19/ENG04/060**

1)

#Include <stdio.h>

Int main() {

Int years, days, weeks, no1, no2;

Days = 1343

Years = 365

Weeks = 7

Scanf(“%d",&Days);

Scanf(“%d", &years);

Scanf(“%d", &weeks);

No1 = Days / years;

No2 = Days / weeks;

Printf(“Number of years is %d", No1 );

Printf(“Number of weeks is %d", No2);

Printf(“Number of days is", Days);

2)

#include <stdio.h>

int main(void){

 int x1, x2, y1, y2, first, second, firstsqr, secondsqr, third, fourth;

scanf("%d", &x1);

scanf("%d", &x2);

scanf("%d", &y1);

scanf("%d", &y2);

scanf("%d", &first);

scanf("%d", &second);

scanf("%d", &third);

scanf("%d", &fourth);

first = x2 - x1;

second = y2 - y1;

firstsqr = first \* first;

secondsqr = second \* second;

third = firstsqr + secondsqr;

fourth = third^1/2;

printf("The distance is %d", &fourth);

}

4)

#include <stdio.h>

> int main() {

int x;

while(

 printf("\nEnter your age: ");

scanf("%d", &x);

if(x >=0 && x <=4 ) {

printf("Still a baby\n");

} else if(x >=5 && x <= 17) {

printf("Attending School\n");

} else if(x >=18) {

printf("Adult Life");

return 0; }

)

}

5)

#include <stdio.h>

#include <stdlib.h>

Int main(void) {

Int c, n, r;

Scanf(“ Guess a number from 1 to 100 %d", &r);

n = rand()%100;

if(r == n) {

printf( “Your correct you have extra 7 lives")

}else if(r < n) {

Printf( “Your Number is less than the number “)

}else if( r > n) {

Printf( “Your number is greater than the number")

}

Return 0;

}