Assignment - 9 1. curity a program to which takes the month of number as an input and display number of days in that month. It include estellib. 4> H include astdio. W ent main() of wit mi privite (" Enter month no."); Scarf ("/d", 4m); Switch (m) } case 1: print("31 days"); b leak; case 2: printle (" 20 days"); break; cans: printf("31 days"); break; case 4: print("30 days"); prest' cow 5: print("31 days"); preak;

```
prints ("30 days");
       print+ (" 31 days"),
        phed;
       prist (" 31 days");
        phease;
can 9: printle ("30 days");
can 10: print("31 days");
         breek;
 can ": pritt("30 days");
 Can 12: prints (" 21 days");
default: exit(0);

return 0;
       break;
```

11 @ write a menu driver program with me following of tions: @ Addition @ subtraction O multiplication División @ Emit. It i clude estalis. hs # include es tollis. h> int main() ent m;a,b; plant while (1) prints ("1. Addition | m 2. sustration | m 3. multiplication | m 4. division | m 5. quit "); prints (" Enter your choice"); Scoup (" /el", &m); switch (m) case 1: printl ("Enter a and & value") Scarf ("1.d Y.d", 90, 98); printl ("/·1", a+b); pleck;

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case 2: printf("Enter a and b value");
         Scart ("1.d.1.d", 40,46);
          printt (" 1.d", a-1);
        prints ("anter a and b value");
        Scarf ("Y.d. Y.d", 40,98);
         printt ("Y.d", axs);
           breek;
        prints ("Enter a and sualve");
         Scart (" 1-d 1-d", 40, 9h);
        printt ("1.d", a/6);
           b heale;
         enit (0)
return 0;
```

O write a program which takes the day number of a week and displays a anique greeting message for the day. At include as +dio.h> ## include 25 tellib.4> int main () int m; prints (" anter the day no. of week"); scart (" / d", &m); Switch (n) 1: printf ("Monday"); sheak; case 2: print (" Tuesday"); break; case 3: printf (" wednesday"); break; case 4: printf (" Thrusday")> break; case 5: printf (" reiday"); break;

can 6: print (" paturday "); break; case 7: privité (" sunday"); debault: exit(0)) g return 0; 9 write a menu driver program with the following options: O check whether a given set of three number are length of an isosceles triangle of out. are length of sides of a right aspeal tringle E check whether a given set of three numbers are equilatered triangle or not. (d) Enit.

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If in clude estelio. 43
     # include establith h)
     int main ()
  while (1)
{ prints (" wer 1. given set of three length
          are length of is as celes triangle (");
 printf ( 2. check given set of three no
         are length of side of a right angle
            triagle (");
prints ("3. thek whether given set of thee
            no are equilateral triagle");
 printl(" Enter your choice | "");
 Dearf (" 1.d", & ctricu),
  switch (choice)
of case 1:
            sf (a == b // b == c // c == a)
            prints (" It is isosciles triege");
            printl(" Not length of is asceles
                         triangle");
```

preek,

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Can 2: s/(axa > (b+b+cxc) // sxs > (a+a+cxc) //
           C*C Z (a*a + b*b))
      prints (" of is right ofter things);
      pritt(" Not right age trigle");
       preak;
        91 (a==1 200 99 1== 0 99 c== a)
       privite (" Not equilatelal triangle");
```

convert the following it else it construct is to switch case. il (var ==1) System out pristle ("good"); else it (var ==2) apten. out. printly (" settler"); sop else it (var == 3) 5 ys tem out printle (" best "); repter. out printle ("invalid"); else # include (s+dii. h) int main () of int var; prints (" Enter the var"); scarf (" /d", qvae); switch (val) I case 1: print(" good"); & reak; case 2: privtl (" better"); prede)

case: prints (" best"); prest; default : print ("invalid"); return 0; O program to creek whether a year is to lesp year of not. Using switch statement. M' A in Clude (5 + dis, h) vt mais () printb(" Enter year 1"")? scarp (" .f.d", &n); suiteh (71/10 ==0) (carul: switch (4 1, 400 = = 0) { cano: print(" lesp year"); Steel ; case! print(" Non lest year"); preak; I preak;

case 0: switch (n.1.4 200) fran 1: print (" lup year"); & leak ? Cama: printt (" Non lest year");

@ peogrees to face the value from the wel as said which electricity unit charge and calculate that electricity sill auording to the given condition. Uning pe switch statevert;

. Her the first 50 unit Rs 0.50/ unit

. gos the ment 10 unt PS 0-75/unt

For the vent 100 unit RS 1.20/ unit

. Cal the unit above 250 RS 1.50/ unit

an additional purcharge of 20% is added to the bill.

It in clude astolio. 43 (it mais () { wat yeart n; amount = 0; total = 0; printl (" Enter the value"); Scart (' 1.1", 9m); Switch (N < 50) { case 1: amount = n + 60:5; preak; care o: switch (n = 150) d can! and = 26+ (N-50) 40.75; prest; can 0: switch (nc 250) } case 1: answ= 100+(x-150)+1.20; Caro: anot = 220+(7-250)* 3 presk; tel = amount + amount + 0.20; prints (" total amount = 11. t", total); jetur 0;

110 program to convert a positive number in to a negative ro and nightive no in to positive using proetch statement. It include < stolis. 43 int main () f int mo, a; prints (" 1. posetive to regative | m 2. regative to positive [m"); prints (" Enter your choice / "); Scort ("1.d", 7m); switch (m) case 1: prints ("Enter, Number"); scart ("I'd", xa); printl ("1.d", -a); break; carez: prints (" Enter no"); scart ("Y'd", x a); print+ (" ', d", -a); retur 0;

@ program to convert even newber in to its upper nearest odd no switch statement. It is clude as +dio. hs int main() int m; privite ("Enter no"); 5 carf (" 1.d", &m); 5 witch (n/2 == 0) } case 1: print("1-d", m+1); prest' case 2: print("/d", "); 3 prest; return 0;

C program to pind all roots of a quadratei egt using switch case. ad' # in Clude cs +div. 1) # by Cluber & math. 1> int mais () d vit a, b, c, d; float root!, root2, inaginaly; printle ("Enter a, b, c values"); scart (" 1 d -1 d 1 d", Fa, FB, 8c); d: (sxs)-(4xa*c);

pwitch (D>0) 1 case 1: root1= (- b+ part(d)) / 2a; ent2: -1 - sqrt (d)) /20; prints (" Two distinct that and red rote are 1. dt 1. t", ned 1, ned) prest; (an o: switch () < 0) ? can 1: prot1 = roll 2 = - 1/(2 * a); in agin ary = sqrt (-d) /2a; printle (" Two distinct and imaginary 200ts: 1.2 f+i1.2 f and 1.2 t - 11.2 t", goot, imaginaly, Note, in yinary); frest; port 1 = root 2 = - 1/(2 * a); printl(" Two eyed and red costs enist: 1.26 and 1.21", root1, 2 vot 2);