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                                                        prol.c (~/soumojit_ECE_101) - Pluma
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  prol.c \times pro2.c \times pro3.c \times pro4.c \times pro5.c \times pro6.c \times
 1 #include<stdio.h>
 2 int main(){
      int year:
      printf("Enter the year : ");
      scanf("%d", &year);
      if ((year%4==0) && (year%100!=0) || (year%400==0))
          printf("%d is a leap year", year);
 9
10
11
12
13
14
15
16
       else
          printf("%d is not a leap year", year);
       return 9;
```

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                                                        pro2.c (~/soumojit_ECE_101) - Pluma
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🔯 pro1.c × 👩 pro2.c × 👩 pro3.c × 👩 pro4.c × 👩 pro5.c × 👩 pro6.c ×
   #include<stdio.h>
 2 int main(){
      char ch:
      printf("Enter number or char : ");
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
      scanf("%c", &ch);
      if((ch>= 'a' && ch<='z') || (ch>= 'A' && ch<='Z'))
         printf("%c is an alphabet \n", ch);
      else if((ch>= '0' && ch<='9'))
         printf("%c is a digit \n", ch);
      else
         printf("Pls enter valid input \n");
20
21
      return 9:
```

22

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                                                           pro3.c (~/soumojit_ECE_101) - Pluma
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prol.c × pro2.c × pro3.c
                                   × g pro4.c
                                              × g pro5.c
  #include<stdio.h>
 2 int main(){
      int a,b,c,max;
      printf("Enter 3 numbers : ");
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
      scanf("%d %d %d", &a, &b, &c);
       if(a>=b && a>=c)
          max = a;
       else if(b \ge a \&\& b \ge c)
          max = b;
       else if(c>=a && c>=b)
           max = c;
       else
           printf("Enter valid input");
       printf("Maxima is %d", max);
        return 0;
```

pro3.c (~/soumojit_ECE...

soumojit_ECE_101

Mate Terminal

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                                                   pro4.c (~/soumojit ECE 101) - Pluma
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prol.c x pro2.c x pro3.c x pro4.c x pro5.c x pro6.c x
1 #include<stdio.h>
 2 int main(){
     int a,b,c,max;
     printf("Enter 3 numbers : ");
      scanf("%d %d %d", &a, &b, &c);
      max = a>b ? (a>c ? a:c):(b>c? b:c);
 8 9
 10
11
12
13
      printf("Maxima is %d", max);
       return 0;
```

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                                                         pro5.c (~/soumojit_ECE_101) - Pluma
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🔞 prol.c 🗙 🔞 pro2.c 🗙 🔞 pro3.c 🗙 🔞 pro4.c 🗙 👩 pro5.c 🗙 🥫 pro6.c 🗙
   #include<stdio.h>
  2 int main(){
       int a,b,c,d,e,total;
       float avg;
       printf("Enter 5 marks : ");
       scanf("%d %d %d %d %d", &a,&b,&c,&d,&e);
       total = a+b+c+d+e;
        printf("Total marks is %d \n", total);
        avg = total/5;
        printf("Average avg is %0.2f \n", avg);
  11
12
13
        if(avg>=90)
            printf("Grade A+");
   14
         else if(avg>=80 && avg<90)
            printf("Grade A");
         else if(avg>=70 && avg<80)
   16
             printf("Grade B");
   17
         else if(avg>=60 && avg<70)
    printf("Grade C");</pre>
    18
    19
          else if(avg>=50 && avg<60)
    20
    21
22
             printf("Grade D");
          else if(avg<50)
             printf("Grade F");
    23
     24
          return 0;
                                           pro5.c (~/soumojit ECE...
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                                                        pro6.c (~/soumojit ECE 101) - Pluma
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📴 pro1.c 🗙 🚱 pro2.c 🗙 🚱 pro3.c 🗶 🚱 pro4.c 🗶 😭 pro5.c 🗶 🚱 pro6.c
 1 #include<stdio.h>
 2 int main(){
       char ch:
      printf("Enter a char : ");
       scanf("%c", &ch);
       switch (ch){
           case 'a':
           case 'e':
           case 'i':
 11
           case 'o':
  12
           case 'u':
  13
           case 'A':
  14
           case 'E':
           case 'I':
  16
           case '0':
  17
18
19
            case 'U':
               printf("%c is a vowel \n", ch);
               break;
  20
21
22
23
24
            default:
               printf("%c is a consonant \n", ch);
         return 0;
                                          pro6.c (~/soumojit_ECE...
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                        soumojit_ECE_101
```