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| **Experiment 5: Write a program to compute previous date, given present date as input and perform decision table testing.** |
| **Solution:**  #include <iostream>  using namespace std;  void getPrevDate(int \*day,int \*month, int \*year)  {  if(\*day==1)  {  if(\*month==4|| \*month==6|| \*month==9|| \*month==11)  {  \*day=31;  \*month = \*month -1;  }  else if(\*month==3)  {  if(\*year%4==0)  \*day=29;  else  \*day=28;  \*month = \*month -1;  }  else if(\*month==1)  {  \*day=31;  \*month = 12;  \*year = \*year - 1 ;  }  else if(\*month==2)  {  \*day=31;  \*month = \*month -1;  }  Software Testing – Lab Manual  [7TD1 – B][smit kachhad][91800104011]  }  else  {  else  {  }  \*day=30;  \*month = \*month -1;  \*day = \*day-1;  }  }  int main()  {  int dd=5,mm=8,yy=2021;  cout<<endl<<"Date : "<<dd<<"/"<<mm<<"/"<<yy;  getPrevDate(&dd,&mm, &yy);  cout<<endl<<"Previous date : "<<dd<<"/"<<mm<<"/"<<yy;  return 0;  }  **Conditions are:**  C1: dd < 31  C2: dd = 1, mm = 5 || 7 || 8 || 10 || 12  C3: dd = 1, mm = 3 (leap year)  C4: dd = 1, mm = 3 (non-leap year)  C5: dd = 1, mm = 2 || 4 || 6 || 9 || 11  C6: dd = 1, mm = 1  **Actions:**  A1: dd -= 1  A2: dd = 30, mm -= 1  A3: dd = 29, mm = 2  A4: dd = 28, mm = 2  A5: dd = 31, mm -= 1  A6: dd |