

Answer:

```
#include <stdio.h>

int main(void)
{
    // Defining variables
    unsigned int year, month, day;
    unsigned int dateChoice;

    // Reading year
    printf("Input year:");
    scanf("%u", &year);
    // Reading month
    do{
        printf("Input month(as number):");
        scanf("%u", &month);
    } while (month < 1 || month > 12);
    // Reading day
    do{
        printf("Input day(as number):");
        scanf("%u", &day);
    } while (day < 1 || day > 31);
    // Reading user choice for date format
    do {
        printf("Input display type. Enter 1 for day/month/year, enter 2 for dd/mm/yy:\n");
        scanf("%u", &dateChoice);
    } while (dateChoice != 1 && dateChoice != 2);
    // Telling user what he've chosen
    if (dateChoice == 1) printf("Your choice is day/month/year.\n");
    else printf("Your choice is dd/mm/yy.\n");

    // Displaying date
    printf("The date is: ");
    if (dateChoice == 1) { // day/month/year format
        printf("%u/%u/%u\n", day, month, year);
    }
    else { // dd/mm/yy format
        // year %100 is to get two last numbers of year for formatting
        printf("%02u/%02u/%02u\n", day, month, (year % 100));
    }

    return 0;
}
```