

Design and implement a `class` `dayType` that implements the day of the week in a program. The `class` `dayType` should store the day, such as Sun for Sunday. The program should be able to perform the following operations on an object of type `dayType`:

- a. Set the day.
- b. Print the day.
- c. Return the day.
- d. Return the next day.
- e. Return the previous day.
- f. Calculate and return the day by adding certain days to the current day. For example, if the current day is Monday and we add 4 days, the day to be returned is Friday. Similarly, if today is Tuesday and we add 13 days, the day to be returned is Monday.
- g. Add the appropriate constructors.