

SNOWY

YOUR PERSONAL ASSISTANT



INTRODUCTION

A Personal Assistant is software which is particularly designed to meet the needs of the user from personal level to industrial level. Almost everyone in this 21st century is accustomed with the term Personal Assistant, a piece of UI designed to perform tasks ranging from keeping track of events to cracking jokes.

Such a software agent performs tasks or services for an individual based on commands or questions. Some Personal Assistants are able to interpret human speech and respond via synthesized voices.

Snowy is a basic personal assistant software, designed to meet the day-to-day needs of a user, like remembering birthdays, keeping track of meetings and perform basic calculations.

PURPOSE

Snowy is going to be a super-duper user-friendly virtual assistant that can perform a wide variety of standard tasks in a relatively efficient and concise way.

Of the many tasks it can perform some are:

- 🦷 Keep a track of your meetings
- 🦷 Keep track of your travels, i.e., flights and railway
- 🦷 Assemble the birthdays of your friends and loved ones
- 🦷 Store your upcoming events
- 🦷 Tell you some jokes
- 🦷 Share some random facts with you
- 🦷 Roll a dice
- 🦷 Share some motivational quotes



SYSTEM REQUIREMENTS

HARDWARE REQUIREMENTS

Processor : Intel
Ram : 512 MB
Hard Disk : 5 GB

SOFTWARE REQUIREMENTS

Operating System : Windows 98, 2000, XP, 7, 8, 8.1, 10

Tools: MinGW, Sublime Text Editor

Technologies: C++ 17

STRUCTURES, CLASSES AND FUNCTIONS USED

Functions:

- 🦷 void disp1() - Display the contents of file B.txt
- 🦷 void disp2() - Display the contents of file B.txt
- 🦷 void Calender() - Enters into the Calendar Section
- 🦷 int schedule() - Enters into the Schedule Section
- 🦷 int meetings() - Operates the Meetings Menu
- 🦷 int travels() - Operates the Travels Menu
- 🦷 int any(int n) - Enters into the Misc. Section
- 🦷 int randomfun() - Enters into the Fun Section
- 🦷 void Calculate() - Enters into the Calculator Section

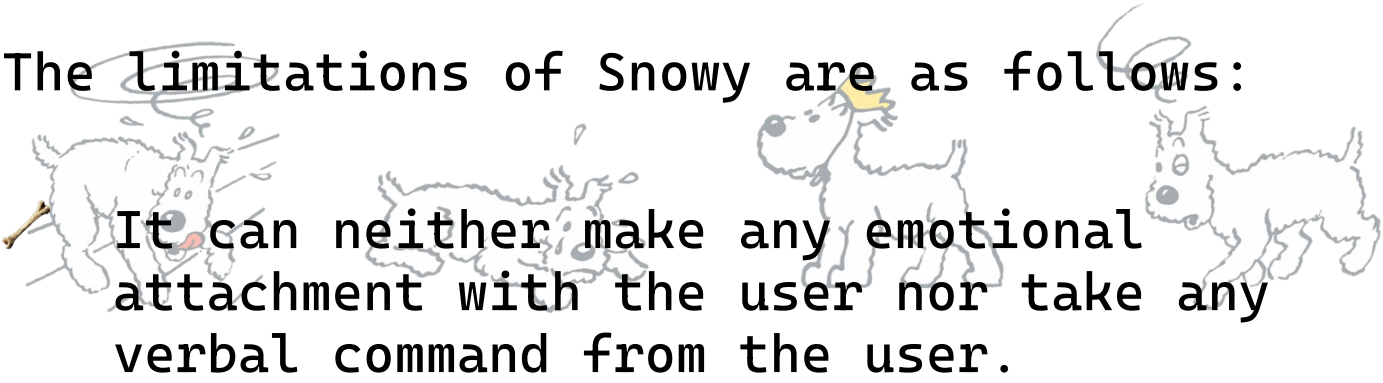
Classes:

- 🦷 Cal
- 🦷 Birtd
- 🦷 Event
- 🦷 general
- 🦷 travel

LIMITATIONS OF THE PROGRAM

Snowy manages to do the most basic chores that can be done by a personal assistant with an Average User Interface, starting from keeping records to doing simple calculations with utmost ease. Moreover, it can also tell some random jokes. But Snowy still lacks the basic emotions, commercial virtual assistants promise to provide.

The limitations of Snowy are as follows:

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- ✎ It can neither make any emotional attachment with the user nor take any verbal command from the user.
 - ✎ Snowy is still not cross-platform, i.e., interoperability is still limited.
 - ✎ Snowy has got an outdated UI.