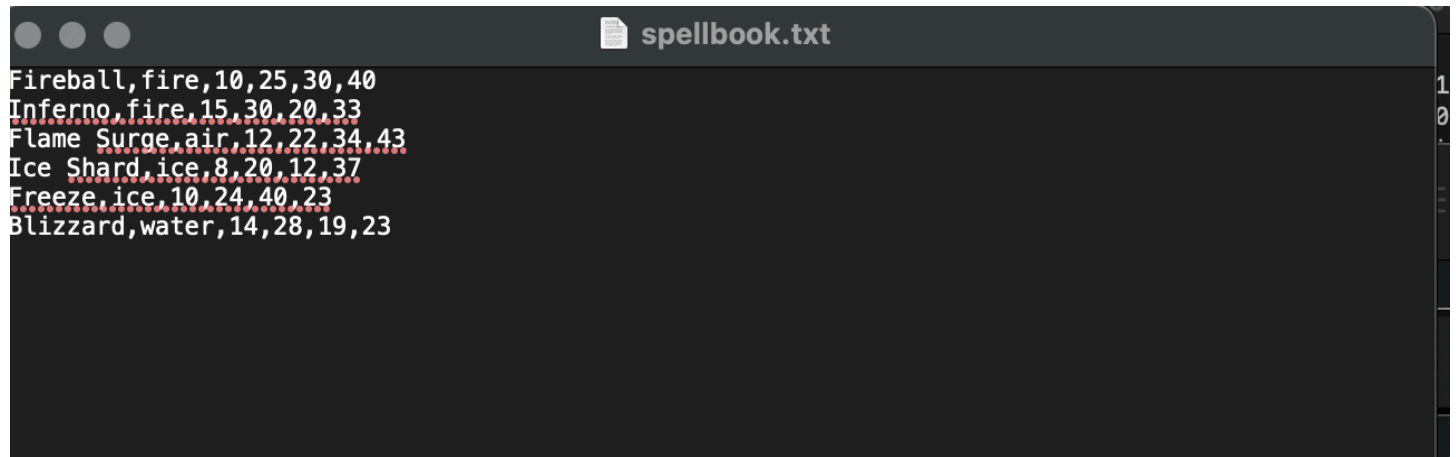


CSE 102 SPRING 2025-COMPUTER PROGRAMMING ASSIGNMENT-11

here some screenshoot of the programme:



```
Fireball,fire,10,25,30,40
Inferno,fire,15,30,20,33
Flame Surge,air,12,22,34,43
Ice Shard,ice,8,20,12,37
Freeze,ice,10,24,40,23
Blizzard,water,14,28,19,23
```

The screenshot shows a dark-themed text editor window with the title 'spellbook.txt'. It contains a list of six spells, each on a new line. Each spell entry consists of the spell name, an element, and four numerical values separated by commas. The text is white on a dark background. The spells listed are Fireball, Inferno, Flame Surge, Ice Shard, Freeze, and Blizzard. The elements are fire, air, ice, and water. The numerical values vary for each spell.

eyyupildem@Eyyup-MacBook-Air 230104004087 % ./230104004087

Wizard duel begins: Sasuke vs Naruto !

Sasuke cast Blizzard on Naruto

damage : 14| Naruto's HP: 86 | Sasuke's MANA 81

Naruto cast Flame Surge on Sasuke

damage : 12| Sasuke's HP: 88 | Naruto's MANA 66

Sasuke cast Blizzard on Naruto

damage : 14| Naruto's HP: 72 | Sasuke's MANA 62

Naruto cast Flame Surge on Sasuke

damage : 22| Sasuke's HP: 66 | Naruto's MANA 23

Sasuke cast Ice Shard on Naruto

damage : 8| Naruto's HP: 64 | Sasuke's MANA 50

Naruto cast Fireball on Sasuke

damage : 10| Sasuke's HP: 56 | Naruto's MANA -7

Sasuke cast Freeze on Naruto

damage : 24| Naruto's HP: 40 | Sasuke's MANA 27

Naruto is low on mana and meditates...

Naruto cast Blizzard on Sasuke

damage : 14| Sasuke's HP: 42 | Naruto's MANA -21

Sasuke cast Freeze on Naruto

damage : 24| Naruto's HP: 16 | Sasuke's MANA 4

Naruto is low on mana and meditates...

Naruto cast Fireball on Sasuke

damage : 10| Sasuke's HP: 32 | Naruto's MANA -48

Sasuke cast Ice Shard on Naruto

damage : 20| Naruto's HP: -4 | Sasuke's MANA -33

winner ! Sasuke the air

Battle summary:

Sasuke ---DAMAGE :104| MANA SPENT : 133 | recoveries 0 |score :269

Naruto ---DAMAGE :68| MANA SPENT : 156 | recoveries 2 |score : 362

```
Last login: Tue May 27 22:48:59 on ttys022
[eyyupildem@Eyyup-MacBook-Air ~ % cd desktop
[eyyupildem@Eyyup-MacBook-Air desktop % cd 230104004087
[eyyupildem@Eyyup-MacBook-Air 230104004087 % ls
230104004087.c  spellbook.txt
[eyyupildem@Eyyup-MacBook-Air 230104004087 % gcc --ansi 230104004087.c -o 2301040
04087
[eyyupildem@Eyyup-MacBook-Air 230104004087 % ./230104004087
Wizard duel begins: Naruto vs Kakashi !
Naruto cast Inferno on Kakashi
damage : 30| Kakashi's HP: 70 | Naruto's MANA 67
-----
Kakashi cast Flame Surge on Naruto
damage : 22| Naruto's HP: 78 | Kakashi's MANA 57
-----
Naruto cast Blizzard on Kakashi
damage : 28| Kakashi's HP: 42 | Naruto's MANA 44
-----
Kakashi cast Blizzard on Naruto
damage : 19| Naruto's HP: 59 | Kakashi's MANA 38
-----
Naruto cast Inferno on Kakashi
damage : 30| Kakashi's HP: 12 | Naruto's MANA 11
-----
Kakashi cast Flame Surge on Naruto
damage : 22| Naruto's HP: 37 | Kakashi's MANA -5
-----
Naruto cast Blizzard on Kakashi
damage : 28| Kakashi's HP: -16 | Naruto's MANA -12
-----
winner ! Naruto the ice
Battle summary:
Naruto ---DAMAGE :116| MANA SPENT : 112 | recoveries 0 |score :238
Kakashi ---DAMAGE :63| MANA SPENT : 105 | recoveries 0 |score : 337
eyyupildem@Eyyup-MacBook-Air 230104004087 % █
```



```
eyyupildem@Eyyup-MacBook-Air 230104004087 % ./230104004087
Wizard duel begins: Sasuke vs Madara !
Sasuke cast Fireball on Madara
damage : 25| Madara's HP: 75 | Sasuke's MANA 60
-----
Madara cast Inferno on Sasuke
damage : 35| Sasuke's HP: 65 | Madara's MANA 67
-----
Sasuke cast Fireball on Madara
damage : 10| Madara's HP: 65 | Sasuke's MANA 30
-----
Madara cast Freeze on Sasuke
damage : 10| Sasuke's HP: 55 | Madara's MANA 27
-----
Sasuke cast Fireball on Madara
damage : 25| Madara's HP: 40 | Sasuke's MANA -10
-----
Madara cast Blizzard on Sasuke
damage : 28| Sasuke's HP: 27 | Madara's MANA 4
-----
Sasuke is low on mana and meditates...
Sasuke cast Freeze on Madara
damage : 24| Madara's HP: 16 | Sasuke's MANA -23
-----
Madara cast Blizzard on Sasuke
damage : 14| Sasuke's HP: 13 | Madara's MANA -15
-----
Sasuke is low on mana and meditates...
Sasuke cast Inferno on Madara
damage : 30| Madara's HP: -14 | Sasuke's MANA -46
-----
winner ! Sasuke the air
Battle summary:
Sasuke ---DAMAGE :114| MANA SPENT : 166 | recoveries 2 |score :338
Madara ---DAMAGE :87| MANA SPENT : 115 | recoveries 0 |score : 343
eyyupildem@Eyyup-MacBook-Air 230104004087 %
```