

```

Script started on 2024-01-30 11:46:41-06:00 [TERM="xterm-256color" TTY="/dev/pts/0" COLUMNS="81" LINES="40"]
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CS2/Lab/Lab_3[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CS2/Lab/Lab_3[00m$ pwd
[?2004l
/home/jovyan/CS2/Lab/Lab_3
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CS2/Lab/Lab_3[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CS2/Lab/Lab_3[00m$ ls -la
[?2004l
total 32
drwxr-sr-x 2 jovyan users 4096 Jan 30 11:46 [0m[01;34m.[0m
drwxr-sr-x 6 jovyan users 4096 Jan 30 09:38 [01;34m..[0m
-rwxr-xr-x 1 jovyan users 17664 Jan 30 11:45 [01;32ma.out[0m
-rw-r--r-- 1 jovyan users 1762 Jan 30 11:44 madlib.cpp
-rw-r--r-- 1 jovyan users 0 Jan 30 11:46 Sabin_Lab_3.log
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CS2/Lab/Lab_3[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CS2/Lab/Lab_3[00m$ cat -n
madlib.cpp
[?2004l
1  #include <iostream>
2  #include <string>
3
4  int main(){
5      std::string Title{};
6      int Num{};
7      std::string Name{};
8      std::string Alien_Name{};
9      float FloNum{};
10     std::string Noun{};
11     std::string PlurNoun{};
12
13     std::cout << "Suggest a Sci-Fi themed title:\n";
14     std::getline(std::cin, Title);
15
16     std::cout << "Enter an integer:\n";
17     std::cin >> Num;
18
19     std::cout << "Enter a cool name:\n";
20     std::cin.ignore();
21     std::getline(std::cin, Name);
22
23     std::cout << "Suggest an alien race name:\n";
24     std::cin >> Alien_Name;
25
26     std::cout << "Enter a floating point number:\n";
27     std::cin >> FloNum;
28
29     std::cout << "Enter a singular noun:\n";
30     std::cin >> Noun;
31
32     std::cout << "Enter a plural noun:\n";
33     std::cin >> PlurNoun;
34
35     std::cout << '\n' << "\"" << Title << "\"" << '\n' << '\n';
36     std::cout << "In the year " << Num << " , a daring explorer named " << Name
37     << " embarked on a crucial mission. Armed with a mysterious family heirloom passed down for " << FloNum
38     << " generations, " << Name << " journeyed through space." << '\n' << '\n';
39     std::cout << "An urgent plea for help arrived from the " << Alien_Name << " , whose homeworld faced destruction
in just days."
40     << '\n' << '\n';
41     std::cout << "In fact, it would be destroyed by Friday at 5:00pm (which is coincidentally when Labs are due)" <<
'\n' << '\n';
42     std::cout << "With unyielding resolve, " << Name << " encountered a strange " << Noun << " and unexpected " <<
PlurNoun << " , inching closer to the " << Alien_Name
43     << "'s planet. As " << Name << " neared their destination, the fate of the galaxy rested on their shoulders,
with just a few hours to save the " << Alien_Name << " 's world from annihilation."
44     << '\n';
45 }[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CS2/Lab/Lab_3[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CS2/Lab/Lab_3[00m$
g++ -Wall -Werror -Wextra madlib.cpp
-o
[?2004l
[01m[Kg++:[m[K [01;31m[Kerror: [m[Kmissing filename after â€~[01m[K-o[m[Kâ€™
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CS2/Lab/Lab_3[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CS2/Lab/Lab_3[00m$ [7mg++ -
Wall -Werror -Wextra madlib.cpp[27m[7m [27m[7m-o mad[27m[A
(base) ]0;jovyan@jupyter-tes4j: ~/CS2/Lab/Lab_3[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CS2/Lab/Lab_3[00m$ g++ -Wall -Werror
-Wextra madlib.cpp -o mad
[?2004l
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CS2/Lab/Lab_3[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CS2/Lab/Lab_3[00m$ ./mad
[?2004l
Suggest a Sci-Fi themed title:
Space Frontier
Enter an integer:
7777
Enter a cool name:
Freon the Explorer
Suggest an alien race name:
Xyzederons

```

Enter a floating point number:

18.2345232

Enter a singular noun:

potato

Enter a plural noun:

cats

"Space Frontier"

In the year 7777 , a daring explorer named Freon the Explorer embarked on a crucial mission. Armed with a mysterious family heirloom passed down for 18.2345 generations, Freon the Explorer journeyed through space.

An urgent plea for help arrived from the Xyzederons , whose homeworld faced destruction in just days.

In fact, it would be destroyed by Friday at 5:00pm (which is coincidentally when Labs are due)

With unyielding resolve, Freon the Explorer encountered a strange potato and unexpected cats, inching closer to the Xyzederons's planet. As Freon the Explorer neared their destination, the fate of the galaxy rested on their shoulders, with just a few hours to save the Xyzederons 's world from annihilation.

[?2004h(base)]0;jovyan@jupyter-tes4j: ~/CS2/Lab/Lab_3[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CS2/Lab/Lab_3[00m\$./mad [?2004l

Suggest a Sci-Fi themed title:

Hahah

Enter an integer:

12

Enter a cool name:

Zip

Suggest an alien race name:

Pops

Enter a floating point number:

12.493

Enter a singular noun:

tater

Enter a plural noun:

towns

"Hahah"

In the year 12 , a daring explorer named Zip embarked on a crucial mission. Armed with a mysterious family heirloom passed down for 12.493 generations, Zip journeyed through space.

An urgent plea for help arrived from the Pops , whose homeworld faced destruction in just days.

In fact, it would be destroyed by Friday at 5:00pm (which is coincidentally when Labs are due)

With unyielding resolve, Zip encountered a strange tater and unexpected towns, inching closer to the Pops's planet. As Zip neared their destination, the fate of the galaxy rested on their shoulders, with just a few hours to save the Pops 's world from annihilation.

[?2004h(base)]0;jovyan@jupyter-tes4j: ~/CS2/Lab/Lab_3[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CS2/Lab/Lab_3[00m\$./mad [?2004l

Suggest a Sci-Fi themed title:

PSo

Enter an integer:

023

Enter a cool name:

PlaneBye

Suggest an alien race name:

Sjsjhfh

Enter a floating point number:

12.0844

Enter a singular noun:

grand

Enter a plural noun:

germs

"PSo"

In the year 23 , a daring explorer named PlaneBye embarked on a crucial mission. Armed with a mysterious family heirloom passed down for 12.0844 generations, PlaneBye journeyed through space.

An urgent plea for help arrived from the Sjsjhfh , whose homeworld faced destruction in just days.

In fact, it would be destroyed by Friday at 5:00pm (which is coincidentally when Labs are due)

With unyielding resolve, PlaneBye encountered a strange grand and unexpected germs, inching closer to the Sjsjhfh's planet. As PlaneBye neared their destination, the fate of the galaxy rested on their shoulders, with just a few hours to save the Sjsjhfh 's world from annihilation.

[?2004h(base)]0;jovyan@jupyter-tes4j: ~/CS2/Lab/Lab_3[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CS2/Lab/Lab_3[00m\$./mad [?2004l

Suggest a Sci-Fi themed title:

Flings

Enter an integer:

45

Enter a cool name:
Kim
Suggest an alien race name:
xhxdhhdh
Enter a floating point number:
34.546
Enter a singular noun:
grandma
Enter a plural noun:
potatos

"Flings"

In the year 45 , a daring explorer named Kim embarked on a crucial mission. Armed with a mysterious family heirloom passed down for 34.546 generations, Kim journeyed through space.

An urgent plea for help arrived from the xhxdhhdh , whose homeworld faced destruction in just days.

In fact, it would be destroyed by Friday at 5:00pm (which is coincidentally when Labs are due)

With unyielding resolve, Kim encountered a strange grandma and unexpected potatos, inching closer to the xhxdhhdh's planet. As Kim neared their destination, the fate of the galaxy rested on their shoulders, with just a few hours to save the xhxdhhdh 's world from annihilation.
[?2004h(base)]0;jovyan@jupyter-tes4j: ~/CS2/Lab/Lab_3[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CS2/Lab/Lab_3[00m\$./mad [?2004l

Suggest a Sci-Fi themed title:
Weeeeeee

Enter an integer:
43

Enter a cool name:
Drap

Suggest an alien race name:
Xjdjdjd
Enter a floating point number:
45.9999

Enter a singular noun:
clay

Enter a plural noun:
clams

"Weeeeeee"

In the year 43 , a daring explorer named Drap embarked on a crucial mission. Armed with a mysterious family heirloom passed down for 45.9999 generations, Drap journeyed through space.

An urgent plea for help arrived from the Xjdjdjd , whose homeworld faced destruction in just days.

In fact, it would be destroyed by Friday at 5:00pm (which is coincidentally when Labs are due)

With unyielding resolve, Drap encountered a strange clay and unexpected clams, inching closer to the Xjdjdjd's planet. As Drap neared their destination, the fate of the galaxy rested on their shoulders, with just a few hours to save the Xjdjdjd 's world from annihilation.
[?2004h(base)]0;jovyan@jupyter-tes4j: ~/CS2/Lab/Lab_3[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CS2/Lab/Lab_3[00m\$ exit [?2004l
exit

Script done on 2024-01-30 11:50:37-06:00 [COMMAND_EXIT_CODE="0"]