



Lab<sub>02</sub>

### Task 01(WP): Write and Execute a Program to Print a Line of Asterisks.

### Task 02(CL): Write and Execute a Program to Print Geometric Shapes

- Square
- Triangle
- Circle
- Parallelogram
- Hexagon

```
#include <iostream>
                                                                  #include<iostream>
                                                                  using namespace std;
using namespace std;
                                                                  int main(){
int main(){
                                                                  cout<<"
                                                                                                              "<<endl:
             ::::::::: "<<endl;
::: "<<endl;
cout<<"
                                                                  cout<<"
                                                                                                              "<<endl;
                                                                  cout<<"
                                                                                                              "<<endl;
cout<<"
                                                                  cout<<"
                                                                                                              "<<endl;
cout<<"
                                             "<<endl;
                                                                  cout<<"
                                                                                                              "<<endl;
                                    :: "<<endl;
cout<<" ::
                                                                  cout<<"
                                                                                                              "<<endl;
cout<<" ::
cout<<" :
cout<<" :
cout<<" :
                                      :: "<<endl;
                                                                  cout<<"
                                                                                                              "<<endl;
                                                                  cout<<"
                                       : "<<endl;
: "<<endl;
: "<<endl;
                                                                  cout<<"
                                                                                                              "<<endl;
                                                                  cout<<"
                                                                  cout<<"
cout<<" :: ::
                                     :: "<<endl;
                                                                  cout<<"
                                 :: "<<endl;
:: "<<endl;
                                                                  cout<<"
                                                                  cout<<"
                                                                                                              "<<endl;
                                                                  cout<<"
                                                                                                              "<<endl;
                                             "<<endl;
                                                                  cout<<"
cout<<"
                                              "<<endl;
                 .....
                                                                  return 0;
return 0;
}
```

### Task 03(CL): Write and Execute a Program to Print a Big Alphabet.

- A
- X
- **Z**
- K





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- S
- U

```
#include <iostream>
using namespace std;
int main(){
cout << "### ##
                                                   ### ## "<<endl;
cout << " ## ##
                                                     ## ## "<<endl;
cout << " ## ##
cout << " ## ##
                ## ## ##
cout << " ## ##
                  ## ###
                         ##
                                           ## ###
                                                   ## ## "<<endl;
cout << " ##
                                                   ## ## "<<endl;
                  ## ##
                         ##
                                       ##
                                           ## ##
cout << "####
                                                  ### ## "<<endl;
                      ##
                                           ### ##
return 0;
}
```

#### Task 04(CL): Write and Execute a Program to Print a Game Character. (Pacman)

```
can rounds from trop
#include <iostream>
using namespace std;
int main(){
cout<<"
                     "<<endl;
        .::---::..
cout<<"
       .---- "<<endl;
cout<<" .-----"<<endl;
cout<<" ----:: "<<end1;
                    "<<endl;
cout<<":----::.
cout<<"----:.
                     "<<endl;
cout<<":----:..
cout<<" :----:."<<endl;
cout<<" .----: "<<endl;
cout<<"
        .:----:.
return 0;
}
```

Task 05(CL): Write and Execute a Program to Print a Game Maze.





Lab 02

```
#include <iostream>
using namespace std;
int main(){
"<<endl;
        "<<endl;
                                                 "<<endl;
                                                 "<<endl;
cout<<"||..
                                                 "<<endl;
cout<<"||..
                                                 "<<endl;
cout<<"||..
                                                 "<<endl;
cout<<"||..
cout<<"||..
          ..... |%|.
                                            |%|.
                                                 "<<endl;
cout<<"||..|%|
         |%|%%%|%|.|%|. |%|
                                                 "<<endl;
          |%| |%|.. %%%%%%%%%% .....|%|
|%| |%|.. ...|%| %%%%%%
cout<<"||..|%|
                                                 "<<endl;
cout<<"||..|%|
                                                 "<<endl;
                                        . |%|.
cout<<"||..|%|
                                                 "<<endl;
cout<<"||..|%|
                                                 "<<endl;
                                                 "<<endl;
cout<<"||
                                                 "<<endl;
         "<<endl;
cout<<"||..|%|
                                                 "<<endl;
                                                 "<<endl;
                                                 "<<endl;
                                                 "<<endl;
return 0;
}
```

**Task 01(OP):** Write a program to print the Header on a Business Application with colorized Background.





Lab 02

```
TITLE.txt - Notepad
File Edit Format View Help
#include <iostream>
#inlcude <windows.h>
using namespace std;
int main(){
system("Color 87");
cout<<"# # ### ### # ### ##
                    ## ### ### # #
                                            ## ## ### # ### "<<endl;
cout<<"####################
                                  # # # # # # # # # # # # "<<endl;
cout<<"# # # # # # ###
####### # # # ### "<<endl;
cout<<"### # ### # ### # ### #
                                  # # ## # # ### ## ## ## # # "<<endl:
                                  ## # # ## ### ### # "<<endl;
cout<<"# # ### #
                                  # # # # # # ### "<<endl;
cout<<"### # # # # # # # # # # # # # #
                                  # # # #####"<<endl:
# # # # # "<<endl;
## # ## # ### # "<<endl;
return 0;
```

### **Task 02(CP)**: Write a program to Print the colorized game maze.

```
#include <iostream>
#include <windows.h>
using namespace std;
int main(){
system("Color 20");
cout<<"||.....|| "<<endl;
"<<endl;
                                      %%%%
                                  |%|.. |%|
|%|.. |%|
                                            "<<endl;
                                            "<<endl;
                                   .. %%%%.
                                            "<<endl;
                                            "<<endl;
                                 |%| .. %%%%.
                                            "<<endl;
         |%|.
cout<<"||..
                                 [%] .. [%].
                                            "<<endl;
                        |%|.....
                        |%|.....|%|
                                .. |%| |
cout<<"
                                            "<<endl;
                                       |%|.
cout<<"||..|%| |%|%%|%|.|%|. |%|
                         . . . . . | % |
                                   ..|%| |%|.
                                            "<<endl;
        |%| |%|..
|%| |%|..
cout<<"||..|%|
                 %%%%%%%%%%%%%
                                            "<<endl;
cout<<"||..|%|
                 ...|%|
                                 . |%|.
|%| ..|%|.
                                            "<<endl;
cout<<"||..|%|
                                            "<<endl;
                     ... |%|
|%| ..|%|%%%%%
                                            "<<endl;
cout<<"||....
                                            "<<endl;
cout<<"||
                                            "<<endl;
      .....
|%| ..|%|.
                                            "<<endl;
                                            "<<endl;
                                 |%| ..|%|.
                                  |%| ..|%|.
cout<<"||..|%|
                     ...|%|
                                            "<<endl;
                                            "<<endl;
|%| ..|%|%%%%%
                                            "<<endl;
                                           || "<<endl;
return 0;
}
```





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Task 03(CP): Write a Program to print the colorized game character.

```
#include <iostream>
#include <windows.h>
using namespace std;
int main(){
system("Color 3F");
"<<end1;
                           "<<endl;
                           "<<endl;
                           "<<endl;
                           "<<endl;
cout<<"
                           "<<endl;
        cout<<"
                           "<<endl;
       cout<<"
                           "<<endl;
       cout<<"
       "<<endl;
cout<<"
                           "<<endl;
        .......
cout<<"
                           "<<endl;
         cout<<"
                           "<<endl;
         "<<endl;
cout<<"
           ..:::::::::::
return 0;
```

Good Luck and Best Wishes!!

Happy Coding ahead:)