

C PROGRAMMING ASSIGNMENT:

2

DATE: 21.10.21

SUBMITTED BY: -

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BRANCH: CSE

SECTION: B22

ROLL NO.: 21052258

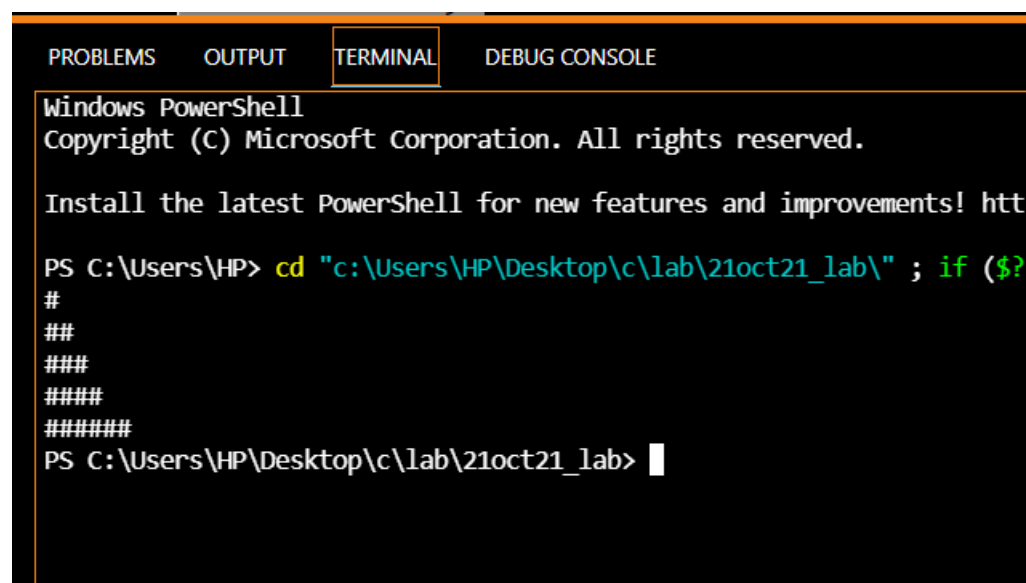
#Program1: Printing pattern1.

Code:

```
#include<stdio.h>

int main(int argc, char const *argv[])
{
    printf("#\n");
    printf("##\n");
    printf("###\n");
    printf("####\n");
    printf("#####\n");
    return 0;
}
```

Output:



The screenshot shows a Windows PowerShell terminal window with the following content:

```
PROBLEMS  OUTPUT  TERMINAL  DEBUG CONSOLE

Windows PowerShell
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PS C:\Users\HP> cd "c:\Users\HP\Desktop\c\lab\21oct21_lab\" ; if ($?) {
#
##
###
####
#####
PS C:\Users\HP\Desktop\c\lab\21oct21_lab> 
```

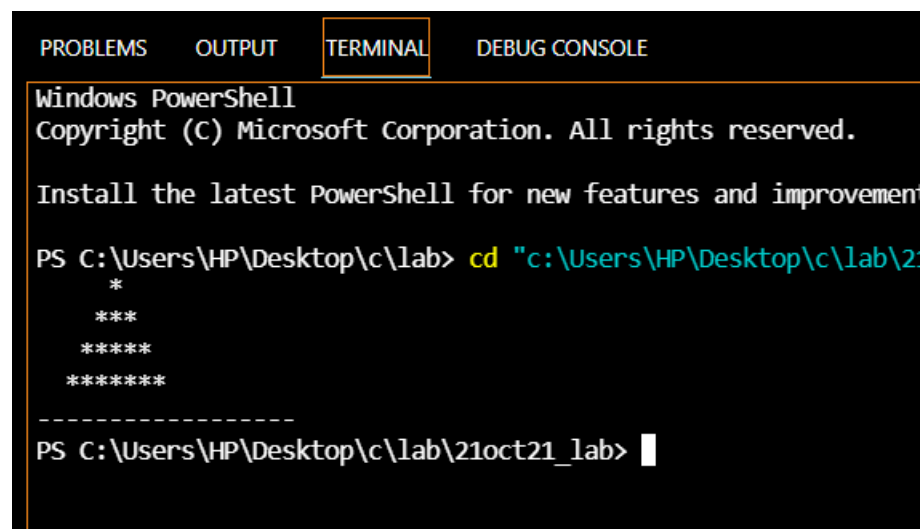
#Program 2: Printing pattern 2.

Code:

```
#include<stdio.h>

int main(int argc, char const *argv[])
{
    printf("    *\n");
    printf("    ***\n");
    printf("    *****\n");
    printf("    *****\n");
    printf("-----\n");
    return 0;
}
```

Output:



```
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PS C:\Users\HP\Desktop\c\lab> cd "c:\Users\HP\Desktop\c\lab\21oct21_lab"
*
***
*****
*****
-----
PS C:\Users\HP\Desktop\c\lab\21oct21_lab> 
```

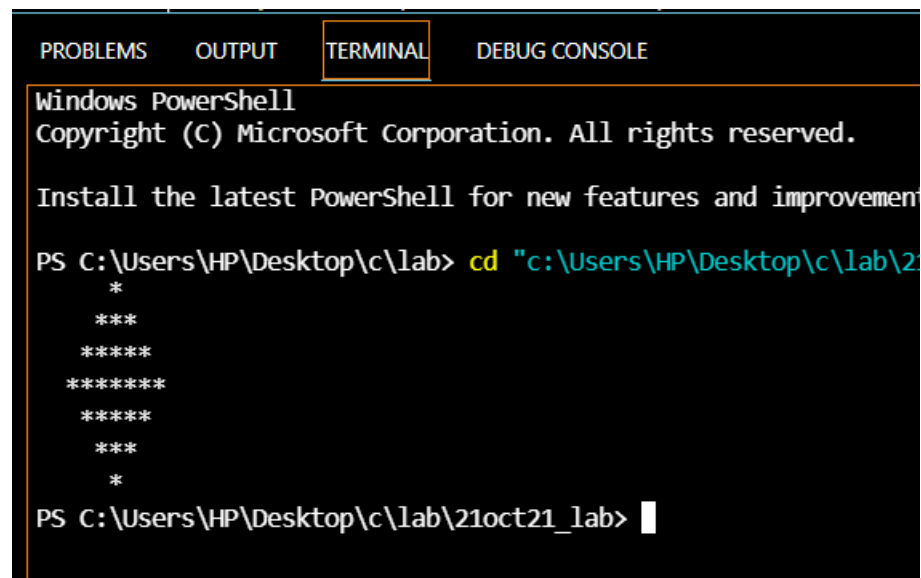
#Program3: Printing pattern 3:

Code:

```
#include<stdio.h>

int main(int argc, char const *argv[])
{
    printf("    *\n");
    printf("    ***\n");
    printf("    *****\n");
    printf("    *****\n");
    printf("    *****\n");
    printf("    ***\n");
    printf("    *\n");
    return 0;
}
```

Output:



```
PROBLEMS  OUTPUT  TERMINAL  DEBUG CONSOLE

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PS C:\Users\HP\Desktop\c\lab> cd "c:\Users\HP\Desktop\c\lab\21oct21_lab"
*
***
*****
*****
*****
***
*
PS C:\Users\HP\Desktop\c\lab\21oct21_lab> 
```

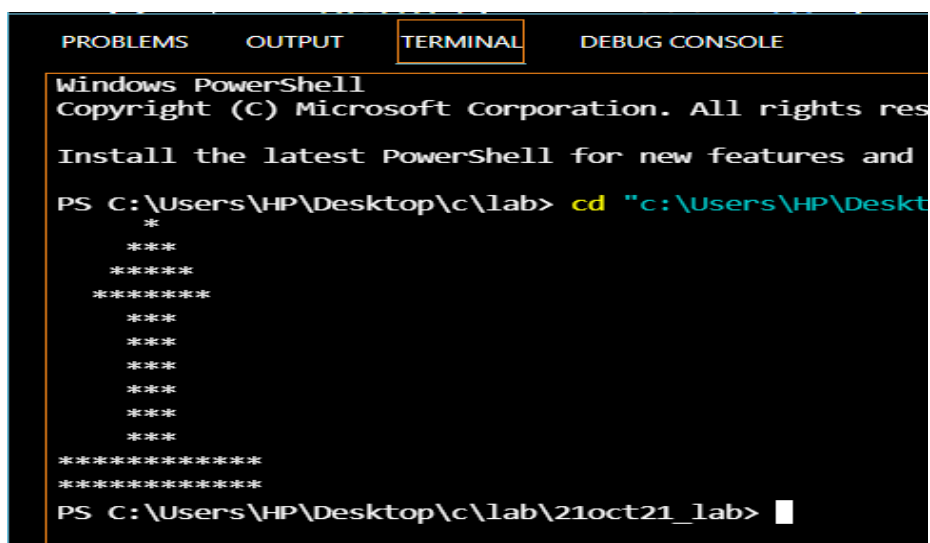
#Program 4: Printing program 4:

Code:

```
#include<stdio.h>

int main(int argc, char const *argv[])
{
    printf("    *\n");
    printf("    ***\n");
    printf("    *****\n");
    printf("    *****\n");
    printf("    ***  \n");
    printf("    ***  \n");
    printf("    ***  \n");
    printf("    ***  \n");
    printf("    ***  \n");
    printf("    ***  \n");
    printf("*****\n");
    printf("*****\n");
    return 0;
}
```

Output:



```
PROBLEMS  OUTPUT  TERMINAL  DEBUG CONSOLE

Windows PowerShell
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PS C:\Users\HP\Desktop\c\lab> cd "c:\Users\HP\Desktop\c\lab\21oct21_lab"

*
***
*****
*****
*** 
*** 
*** 
*** 
*** 
*** 
*****
*****
PS C:\Users\HP\Desktop\c\lab\21oct21_lab>
```

#Program 5: Printing program 5:

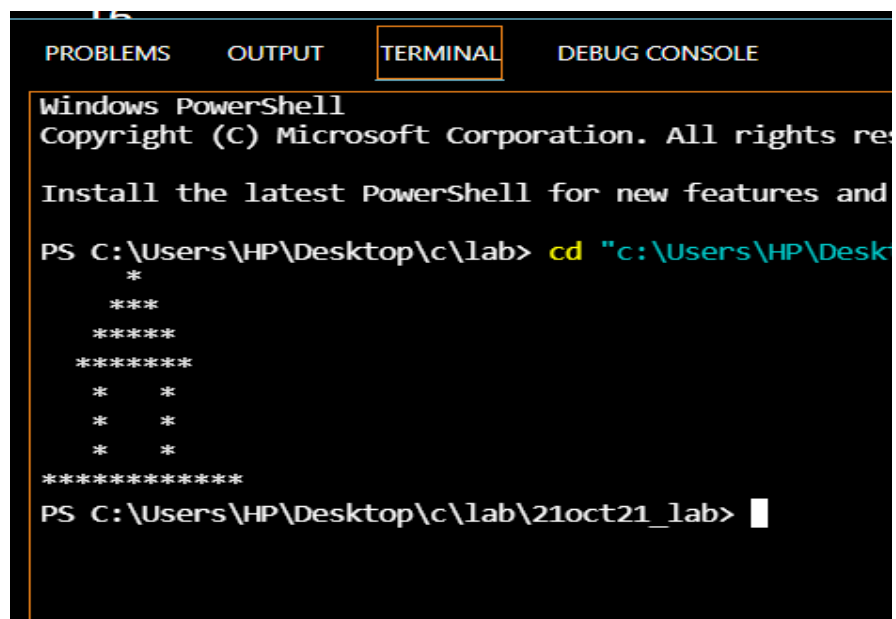
Code:

```
#include<stdio.h>

int main(int argc, char const *argv[])
{
    printf("    *\n");
    printf("    ***\n");
    printf("    *****\n");
    printf("    *****\n");
    printf("    *    *\n");
    printf("    *    *\n");
    printf("    *    *\n");
    printf("*****\n");

    return 0;
}
```

Output:



```
Windows PowerShell
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improvements: https://aka.ms/powershell
PS C:\Users\HP\Desktop\c\lab> cd "c:\Users\HP\Desktop\c\lab\21oct21_lab"
*
***
*****
*****
*    *
*    *
*    *
*****
PS C:\Users\HP\Desktop\c\lab\21oct21_lab>
```