**1.INBUILD MACRO USE**

**Code:**

#include <stdio.h>

int main()

{

printf("%d\n",\_\_LINE\_\_);

printf("%s\n",\_\_FILE\_\_);

printf("%s\n",\_\_DATE\_\_);

printf("%s\n",\_\_TIME\_\_);

return 0;

}

**Answer:**

6

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**2.Object Like Macro**

**Code:**

#include<stdio.h>

#define PI 3.14

int main()

{

printf("%d",PI);

return 0;

}

**Answer:**

1374389535

**3.Function Like Macro**

**Code:**

#include<stdio.h>

#define a(x) ++x

int main()

{

int m=50;

char \*p="anik";

printf("%d\n",a(m));

printf("%s",a(p));

return 0;

}

**Answer:**

51

Nik

**4.Concatenation**

**Code:**

#include<stdio.h>

#define a(x,y) x##y

int main()

{

printf("%d\n",a(75,57));

return 0;

}

**Answer:**

7557

**5.arguementss**

**Code:**

#include<stdio.h>

#define a(x,y) (x)/(y)

int main()

{

printf("%d",a(5+5,1+1));

return 0;

}

**Answer:**

5

**6.Multiple Line Macro**

**Code:**

#include<stdio.h>

#define a(x,y) while(x<y)\

{\

printf("hello");\

x++;\

}

int main()

{

int a=2,b=8;

a(a,b);

return 0;

}

**Answer:**

hellohellohellohellohellohello