

10. Implement a C Program for Finding factorial of a number

Code

```
#include <stdio.h>

int main() {

    int n=5, i, fact=1;

    for(i=1;i<=n;i++)

        fact*=i;

    printf("Factorial of %d = %d\n", n, fact);

    return 0;

}
```

Output

| main.c | Run | Output |
|---|-----|--|
| <pre>1 #include <stdio.h> 2 int main() { 3 int n=5, i, fact=1; 4 for(i=1;i<=n;i++) 5 fact*=i; 6 printf("Factorial of %d = %d\n", n, fact); 7 return 0; 8 }</pre> | | <pre>Factorial of 5 = 120 === Code Execution Successful ===</pre> |