Creating C sample header file (.h)

main.c

```c
#include<stdio.h>
#include"addition.h"        /*user defined header file*/
int main(void)
{
int a,b;
int result;
printf("enter values a & b:--\n");
scanf("%d\n%d",&a,&b);
result=add(a,b);
printf("add=%d",result);
}
```

- Create name.h in same folder of main.c

```
addition.h

int add(int a,int b)
{
return a+b;
}
```

Integration part

- declare the #include"addition.h" in main.c program.

  ```
  #include<stdio.h>
  #include"addition.h"{
  **********}
  ```
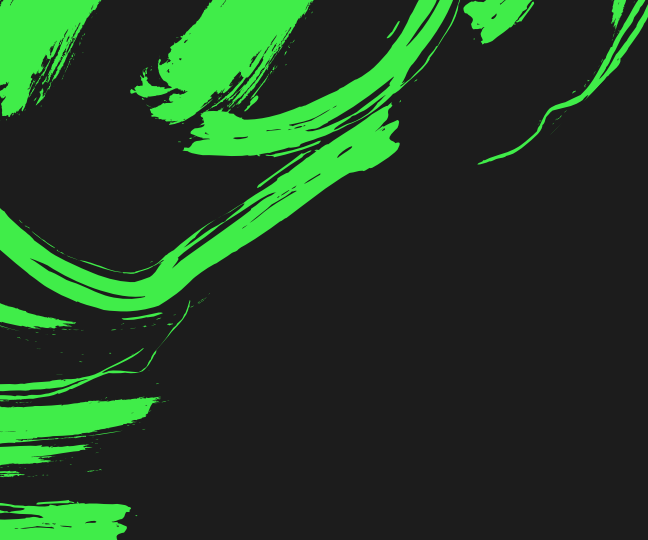- we must declare with double quote "<name> .h"

OUTPUT

```
enter values a & b:--
5
5
add=10
```

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THANKYOU

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