


task.c (~/) - gedit

```
Open 
#include <stdio.h>
#include <unistd.h>
#include <stdlib.h>
#include <sys/types.h>
int main()
{
    int pipe1[2], pipe2[2];
    int val1, val2, num, num1;
    int num2, digt, tmp, sum=0;

    val1 = pipe(pipe1);
    if(val1 == -1)
    {
        printf("Pipe 1 Creation Crash \n");
        exit(1);
    }
    val2 = pipe(pipe2);
    if(val2 == -1)
    {
        printf("Pipe 2 Creation Crash \n");
        exit(1);
    }
    pid_t pid;
    pid = fork();

    if(pid != 0)
    {
        printf("Digits You want to Enter :\n");
        scanf("%d", &num);
        printf("Enter Values :\n");
        scanf("%d", &num1);
        close(pipe1[0]);
        close(pipe2[1]);
        write(pipe1[1], &num1, sizeof(num1));
        for (int i=0; i<num; i++)
        {
            read(pipe2[0], &digt, sizeof(digt));
            sum = sum + digt;
        }
    }
}
```

C Tab Width: 8 Ln 48, Col 18

task.c (~/) - gedit

```
pid_t pid;
pid = fork();

if(pid != 0)
{
    printf("Digits You want to Enter :\n");
    scanf("%d", &num);
    printf("Enter Values :\n");
    scanf("%d", &num1);
    close(pipe1[0]);
    close(pipe2[1]);
    write(pipe1[1], &num1, sizeof(num1));
    for (int i=0; i<num; i++)
    {
        read(pipe2[0], &digt, sizeof(digt));
        sum = sum + digt;
    }
    printf("Result After Sum : %d\n", sum);
}
else
{
    close(pipe1[1]);
    close(pipe2[0]);
    read(pipe1[0], &num2, sizeof(num2));
    for (int i=0; i<num; i++)
    {
        tmp = num2 % 10;
        write(pipe2[1], &tmp, sizeof(tmp));
        num2 = num2 / 10;
    }
}
return 0;
}
```

C Tab Width: 8 Ln 48, Col 18