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_____.
(.c) (.exe)

4. test04_ .c

```
#include <stdio.h>

int main() {
    int A,B;
    printf("Input A : "); scanf("%d", &A);
    printf("Input B : "); scanf("%d", &B);

    if (A>B) {
        int temp;
        temp = A;
        A = B;
        B = temp;
        printf("Swap A and B : A=%d, B=%d\n",A,B);
    }

    printf("-----Output-----\n");
    printf("%d~%d numbers(ascending order) :\n",A,B);
    for (int i = A; i < B+1; i++) {
        printf("%d ",i);
    }

    getchar(); //scanf
    getchar();
    return 0;
}
```

5. test05_ .c

```
#include <stdio.h>
```

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```
int main() {
    int blood;
    printf("Input Blood type(1~4) : ");
    scanf("%d", &blood);
    printf("-----Output-----\n");

    switch (blood)
    {
        case 1:
            printf("A");
            break;
        case 2:
            printf("B");
            break;
        case 3:
            printf("O");
            break;
        case 4:
            printf("AB");
            break;

        default:
            printf("Invalid input");
            getchar(); //scanf
            getchar();
            return 1;
    }
    printf(" type");

    getchar(); //scanf
    getchar();
    return 0;
}
```

6. test06_ .c

```
#include <stdio.h>
```

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```
int main() {
    int id, pmeal;
    printf("Input student ID number : ");
    while (1)
    {
        scanf("%d", &id);
        if ((id/1000 < 1) || (id/10000 > 0)) {
            printf("Invalid Input. Input Again(1000~9999):");
            continue;
        } else {
            break;
        }
    }

    printf("priority meal number(0~9) : "); scanf("%d", &pmeal);
    printf("-----Output-----\n");

    if ((id%10) == pmeal) {
        printf("Priority");
    } else {
        printf("General");
    }

    printf(" meal service");

    getchar(); //scanf
    getchar();
    return 0;
}
```

7. test07_ .c

```
#include <stdio.h>

int main() {
    int wow;
    printf("Input Integer : "); scanf("%d", &wow);
}
```

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```
printf("-----Output-----\n");

printf("Fibonacci numbers: ");
int prv = 1;
int next = 1;
int temp = 0;

printf("%d ", prv);
for (int i = 0; i < wow-1; i++)
{
    printf("%d ", next);
    temp = next;
    next += prv;
    prv = temp;
}

getchar(); //scanf
getchar();
return 0;
}
```

8. test08_ .c

```
#include <stdio.h>

int main() {
    int wow;
    printf("Input Integer(1~15) : "); scanf("%d", &wow);
    printf("-----Output-----\n");

    int bin;

    int cal = wow;

    if (cal-8 >= 0) {
        cal-=8;
        bin+=1000;
    }
}
```

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    if (cal-4 >= 0) {
        cal-=4;
        bin+=100;
    }
    if (cal-2 >= 0) {
        cal-=2;
        bin+=10;
    }
    if (cal-1 >= 0) {
        cal-=1;
        bin+=1;
    }

    printf("%d(10) : %d(2)", wow, bin);

    getchar(); //scanf
    getchar();
    return 0;
}
```