ASSIGNMENT NO.03

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Question:01

Code:

```c
#include<stdio.h>
void main (void){

char name[20],DOB[20],Mobile[20];

printf("Enter your name=\n");
scanf("%s",&name);

printf("Enter your date of birth=\n");
scanf("%s",&DOB);

printf("Enter your mobile number=\n");
scanf("%s",&Mobile);

printf("Name   : %s\n",name);
printf("DOB    : %s\n",DOB);
printf("Mobile : %s\n",Mobile);

}
```
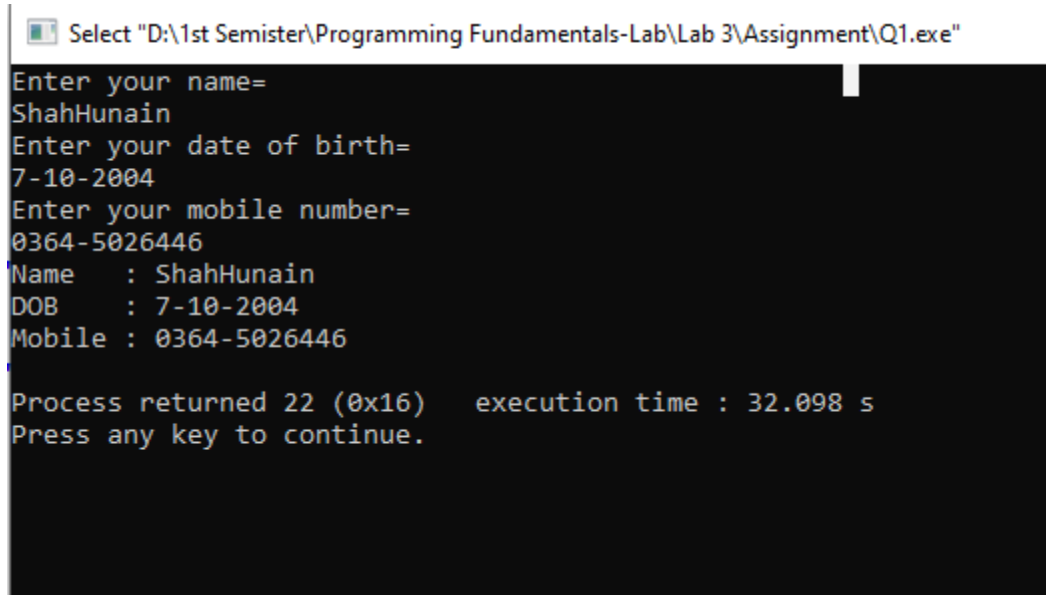
Output:

Question:02

Code:

```
#include<stdio.h>
int main (){

printf(" #####\n");
printf(" #\n");
printf(" #\n");
printf(" ####\n");
printf(" #\n");
printf(" #\n");
printf(" #\n");
```
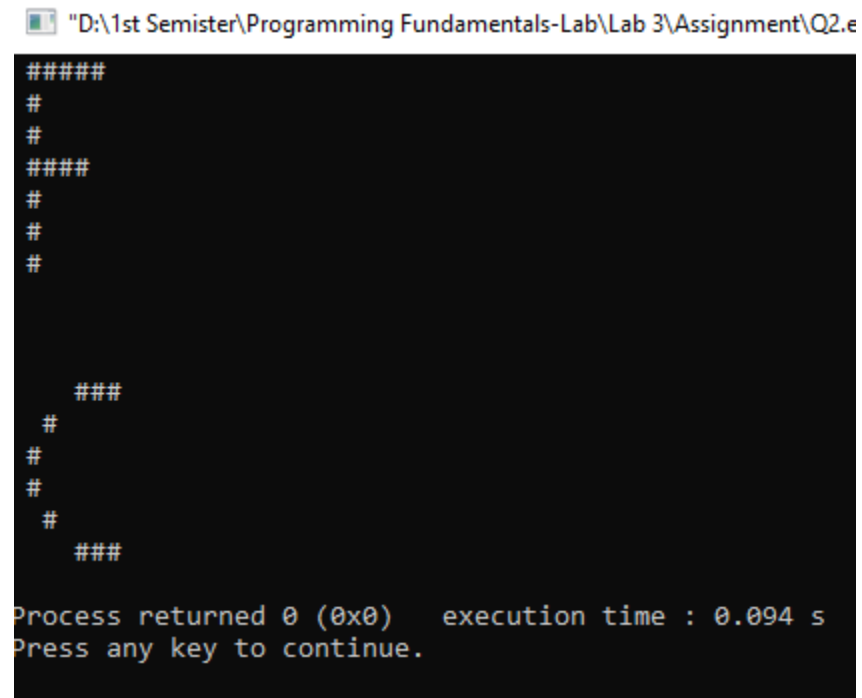
printf("\n\n\n   ###\n");

printf(" #\n");

printf(" #\n");

printf(" #\n");

printf(" #\n");

printf("   ###\n");

}

Output:

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Question:03

Code:

```c
#include<stdio.h>
void main (void){

char ch1[20],ch2[20],ch3[20];

printf("Enter the first letter=");
scanf("%s",&ch1);

printf("\nEnter the second letter=");
scanf("%s",&ch2);

printf("\nEnter the third letter=");
scanf("%s",&ch3);

printf("'%s','%s','%s'",ch3,ch2,ch1);

}
```
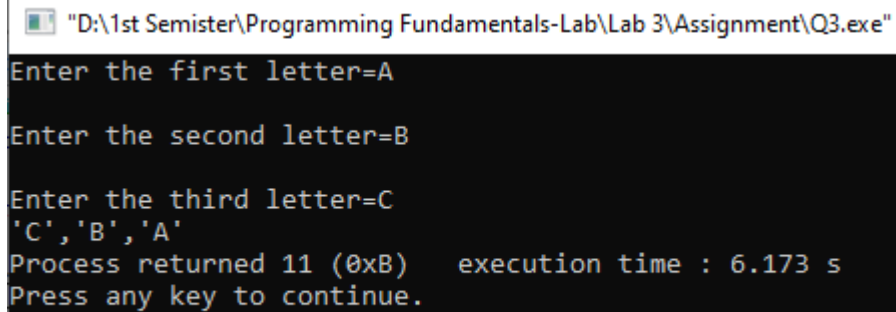
Output:

```
"D:\1st Semister\Programming Fundamentals-Lab\Lab 3\Assignment\Q3.exe"
Enter the first letter=A

Enter the second letter=B

Enter the third letter=C
'C','B','A'
Process returned 11 (0xB)    execution time : 6.173 s
Press any key to continue.
```

Question:04

Code:

```c
#include<stdio.h>
#include<conio.h>
void main (void){

int var1,var2,sum;
var1=var2=sum=0;

printf("Enter the first integer\n");
scanf("%d", &var1);

printf("Enter the second integer\n");
scanf("%d", &var2);
```
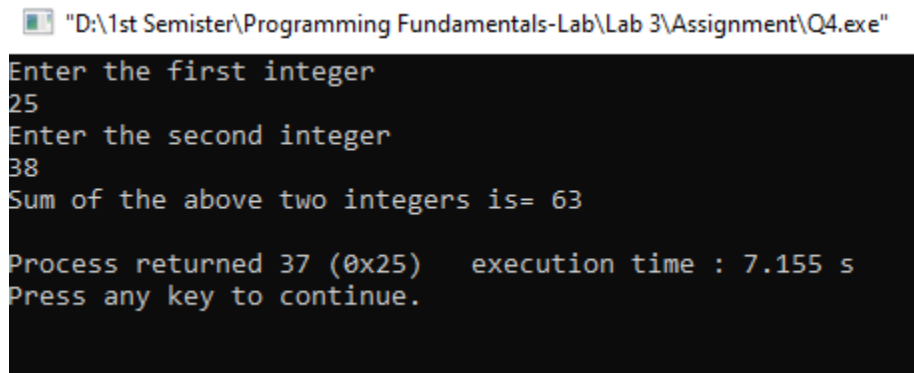
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sum=var1+var2;

printf("Sum of the above two integers is= %d\n",sum);

}

Output:

```
"D:\1st Semister\Programming Fundamentals-Lab\Lab 3\Assignment\Q4.exe"
Enter the first integer
25
Enter the second integer
38
Sum of the above two integers is= 63

Process returned 37 (0x25)   execution time : 7.155 s
Press any key to continue.
```

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Question:05

Code:

```c
#include<stdio.h>
#include<conio.h>
void main (void){

float
weight1,weight2,numberof1st,numberof2nd,avgvalue,totalitems,finalavgvalue;
weight1=weight2=numberof1st=numberof2nd=avgvalue=totalitems=finalavgvalue
=0;

printf("Enter the weight of 1st item\n");
scanf("%f", &weight1);


printf("Enter the number of 1st item\n");
scanf("%f", &numberof1st);


printf("Enter the weight of 2nd item\n");
scanf("%f", &weight2);


printf("Enter the weight of 1st item\n");
scanf("%f", &numberof2nd);


totalitems=numberof1st+numberof2nd;
```
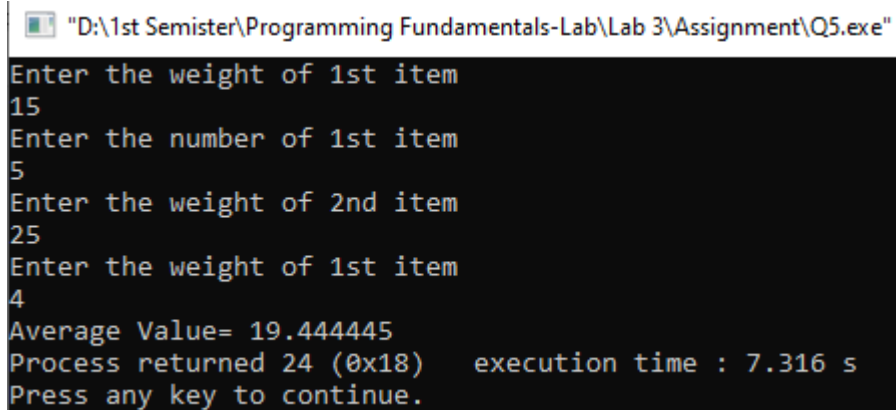
avgvalue=numberof1st*weight1+numberof2nd*weight2;

finalavgvalue=avgvalue/totalitems;

printf("Average Value= %.6f",finalavgvalue);

}

Output:

```
"D:\1st Semister\Programming Fundamentals-Lab\Lab 3\Assignment\Q5.exe"

Enter the weight of 1st item
15
Enter the number of 1st item
5
Enter the weight of 2nd item
25
Enter the weight of 1st item
4
Average Value= 19.444445
Process returned 24 (0x18)    execution time : 7.316 s
Press any key to continue.
```

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Question:06

Code:

```c
#include<stdio.h>
#include<conio.h>
void main (void){

int hours,minutes,seconds;
hours=minutes=seconds;

printf("Enter the integer=\n");
scanf("%d",&seconds);

hours=seconds/3600;
minutes=hours*60;

printf("There are:\nH:M:S-%d:%d:%d\n",hours,minutes,seconds);
}
```
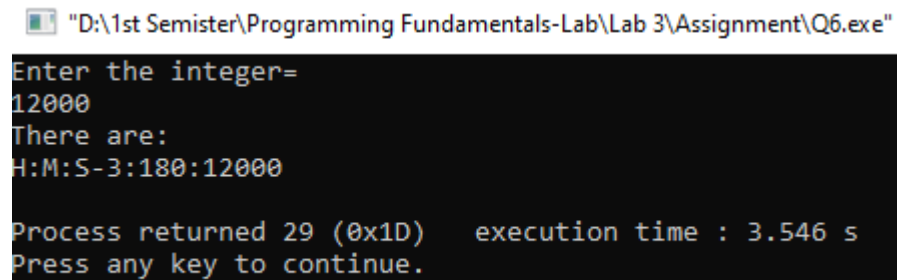
Output:

"D:\1st Semister\Programming Fundamentals-Lab\Lab 3\Assignment\Q6.exe"

```
Enter the integer=
12000
There are:
H:M:S-3:180:12000

Process returned 29 (0x1D)    execution time : 3.546 s
Press any key to continue.
```