```c
#include<stdio.h>
#include<conio.h>
main(){
        int dept,cs,ee,bba;
        printf("--------FAST University Course Registration System-----------\n");
        printf("Please select the departement\n");
        printf("1.CS\n");
        printf("2.EE\n");
        printf("3.BBA\n");
        scanf("%d",&dept);
        switch(dept){
                case 1:
                        printf("----------CS Courses----------\n");

                        printf("1.Programming Fundamentals\t CS-1002\n");
                        printf("2.Introduction to Information and Communication Technology\t
CL-1000\n");
                        printf("3.Calculus and Analytical Geometry \t MT-1003\n");
                        printf("4.Applied Physics\t NS-1001\n");
                        printf("5.Fuctional English\t SS-1012\n");
                        printf("6.Islamic studies\t SS-1007\n");
                        printf("7.Ideology and Constitution of Pakistan \t SS-1013\n");
                        printf("Enter  the course number from the list above.");
                        scanf("%d",&cs);
                        switch(cs){
                                case 1:
                                        printf("1.Programming Fundamentals\t CS-1002\n");
                                        printf("Wow! This is an amazing Course.\n");
                                        break;
                                case 2:
                                        printf("2.Introduction to Information and Communication
Technology\t CL-1000\n");

                                        printf("Wow! This is an amazing Course.\n");
                                        break;
                                case 3:
                                        printf("3.Calculus and Analytical Geometry \t
MT-1003\n");

                                        printf("Wow! This is an amazing Course.\n");
                                        break;
                                case 4:
                                        printf("4.Applied Physics\t NS-1001\n");
                                        printf("Wow! This is an amazing Course.\n");
                                        break;
                                case 5:
                                        printf("5.Fuctional English\t SS-1012\n");
                                        printf("Wow! This is an amazing Course.\n");
                                        break;
                                case 6:
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                                        printf("6.Islamic studies\t SS-1007\n");
                                        printf("Wow! This is an amazing Course.\n");
                                        break;
                                case 7:
                                        printf("7.Ideology and Constitution of Pakistan \t
SS-1013\n");

                                        printf("Wow! This is an amazing Course.\n");
                                        break;
                                default:
                                        printf("You have entered an invalid CS Course\n");
                                        }
                                        break;
                case 2:
                                printf("----------EE Courses----------\n");
                                printf("1.Computer Hardware and Baisc Deivices \t
CH-1106\n");

                                printf("2.Electricity and Magnetism\t EM-1009");
                                printf("3.Calculus and Analytical Geometry \t MT-1003\n");
                        printf("4.Applied Physics\t NS-1001\n");
                                printf("5.Fuctional English\t SS-1012\n");
                        printf("6.Islamic studies\t SS-1007\n");
                           printf("7.Ideology and Constitution of Pakistan \t SS-1013\n");
                           printf("Enter  the course number from the list above.");
                        scanf("%d",&ee);
                        switch(ee){

                                case 1:
                                        printf("1.Computer Hardware and Baisc Deivices \t
CH-1106\n");

                                        printf("Wow! This is an amazing Course.\n");
                                        break;
                                case 2:
                                        printf("2.Electricity and Magnetism\t EM-1009");
                                        printf("Wow! This is an amazing Course.\n");
                                        break;
                                case 3:
                                        printf("3.Calculus and Analytical Geometry \t
MT-1003\n");

                                        printf("Wow! This is an amazing Course.\n");
                                        break;
                                case 4:
                                        printf("4.Applied Physics\t NS-1001\n");
                                        printf("Wow! This is an amazing Course.\n");
                                        break;
                                case 5:
                                        printf("5.Fuctional English\t SS-1012\n");
                                        printf("Wow! This is an amazing Course.\n");
                                        break;
```

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                    case 6:
                            printf("6.Islamic studies\t SS-1007\n");
                            printf("Wow! This is an amazing Course.\n");
                            break;
                    case 7:
                            printf("7.Ideology and Constitution of Pakistan \t SS-1013\n");
                            printf("Wow! This is an amazing Course.\n");
                            break;
                    default:
                            printf("You have entered an invalid EE Course\n");

                    }

            break;
        case 3:
            printf("----------BBA Courses----------\n");
                printf("1.Business and Communication Skills \t BC-1006\n");
                printf("2.Hospitality and Management\t HM-1019\n");
                printf("3.Basics of Mathematics\t BM-1083\n");
        printf("4. Physics\t NA-1201\n");
                printf("5.Fuctional English\t SS-1012\n");
        printf("6.Islamic studies\t SS-1007\n");
            printf("7.Ideology and Constitution of Pakistan \t SS-1013\n");
            printf("-------------------------------------------------------------");
            printf("\nEnter  the course number from the list above.");
        scanf("\n%d",&ee);
        switch(ee){

                    case 1:
                            printf("1.Business and Communication Skills \t BC-1006\n");

                            printf("Wow! This is an amazing Course.\n");
                            break;
                    case 2:
                       printf("2.Hospitality and Management\t HM-1019\n");
                       printf("Wow! This is an amazing Course.\n");
                            break;
                    case 3:
                            printf("3.Basics of Mathematics\t BM-1083\n");
                            printf("Wow! This is an amazing Course.\n");
                            break;
                    case 4:
                            printf("4.Applied Physics\t NS-1001\n");
                            printf("Wow! This is an amazing Course.\n");
                            break;
                    case 5:
                            printf("5.Fuctional English\t SS-1012\n");
```
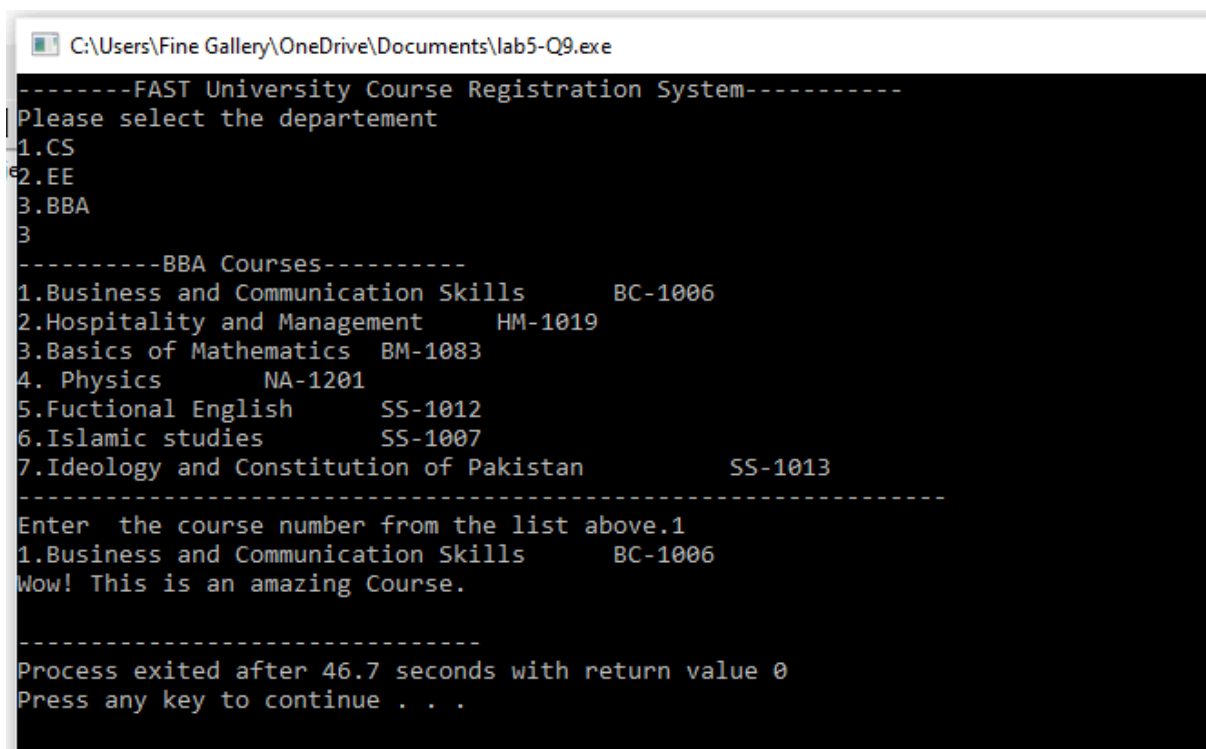
```
                                        printf("Wow! This is an amazing Course.\n");
                                        break;
                            case 6:
                                    printf("6.Islamic studies\t SS-1007\n");
                                    printf("Wow! This is an amazing Course.\n");
                                    break;
                            case 7:
                                    printf("7.Ideology and Constitution of Pakistan \t
SS-1013\n");

                                    printf("Wow! This is an amazing Course.\n");
                                    break;
                            default:
                                    printf("You have entered an invalid BBA Course\n");
                                    break;
                            }
                }
}
```

```
C:\Users\Fine Gallery\OneDrive\Documents\lab5-Q9.exe
--------FAST University Course Registration System-----------
Please select the departement
1.CS
2.EE
3.BBA
3
---------BBA Courses----------
1.Business and Communication Skills      BC-1006
2.Hospitality and Management      HM-1019
3.Basics of Mathematics   BM-1083
4. Physics         NA-1201
5.Fuctional English      SS-1012
6.Islamic studies        SS-1007
7.Ideology and Constitution of Pakistan          SS-1013
----------------------------------------------------------
Enter  the course number from the list above.1
1.Business and Communication Skills      BC-1006
Wow! This is an amazing Course.


------------------------------
Process exited after 46.7 seconds with return value 0
Press any key to continue . . .
```