padhai

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INTRODUCTION

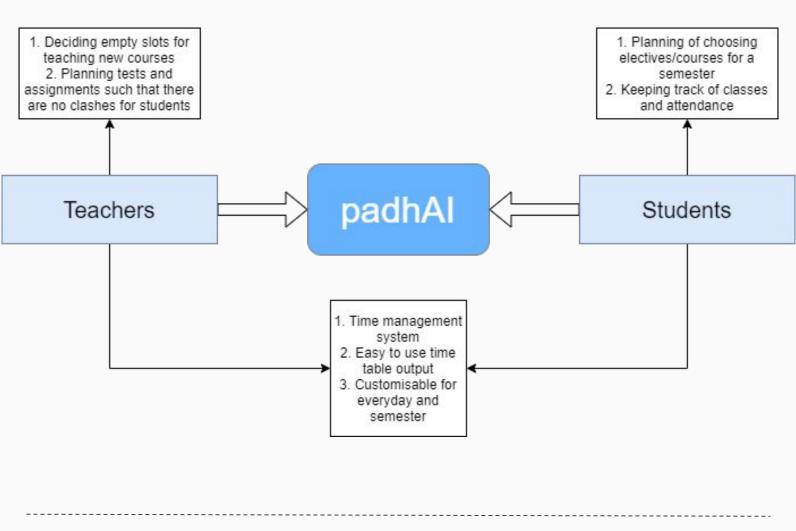
"padhAI" is a class management system where the users- can be a teacher or a student, can view their study time table for the day. This project helps the user to build a study schedule by simple commands. The users can change their data according to their requirements, and insert, view or reset subjects according to their needs.

This can further be scaled to construct weekly, monthly or semester wise schedule.

LOGIC

The program is based on basic file handling in C. The input is taken by the user and stored in files. Files are according to subjects like English, SDF, Lab, Physics. From these files the data is retrieved and printed. The file is opened in 'write' mode to reset and add new events and in 'append' mode to add more to existing events. It is opened in read mode to print the whole schedule.

BENEFITS TO USERS

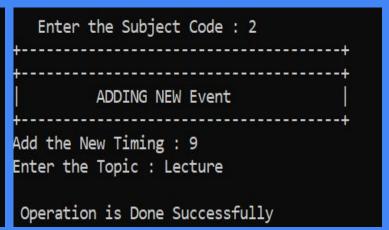


FOLLOW UP PLAN

- I. Integrate deadlines, to-do list in the daily time table
- II. Update attendance on the time table
- III. Integrate a scheduler assistant for extra classes and exams to see when everyone is available.

OUTPUT SCREENSHOTS

Study Time Table for a DAY
+
+TIP TO USE
Enter the Command : 1 +Subjects Code+ 1. SDF
Enter the Subject Code :



```
Enter the Command : 3
+-----Subjects Code-----+

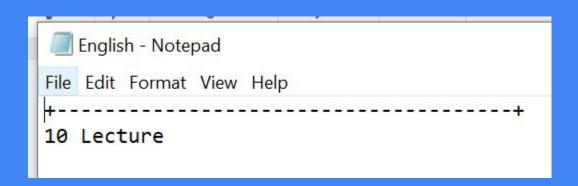
1. SDF

2. English
3. Physics
4. SDF LAB
5. Maths
+-----+
Enter the Subject Code : 2
+-----+

ADD A NEW Entry
+-----+
Enter the New Timing : 9
Enter the Topic : Tutorial

Operation is Done Successfully
```

FILES CREATED:



```
SDF - Notepad

File Edit Format View Help

+----+

9 Tut

+----+
```

SOURCE CODE

```
if (n == 3)
#include <stdio.h>
#include "conio.h"
                                                               {
                                                                 /* printf("+-----+\n");*/
int main()
                                                                 printf("+----Subjects Code----+\n");
{
                                                                 printf("| 1. SDF |\n");
 int n, nn, nnn;
  char str1[100], str11[100], str12[100];
                                                                 printf("| 2. English
                                                                                      |\n");
                                                                 printf("| 3. Physics
  char c;
                                                                                      |\n");
                                                                 printf("| 4. SDF LAB
  do
                                                                                       |\n");
 {
                                                                 printf("| 5. Maths
                                                                                      |\n");
   printf(" Study Time Table for a DAY\n");
                                                                 printf("+----+\n");
   printf("\n");
                                                                 printf(" Enter the Subject Code :");
   printf("+-----Commands-----
                                  ----+\n");
                                                                 scanf("%d", &nn);
   printf("| For Adding Press 1
                                                                 printf("+-----
                                    |\n");
                                                                                       ----+\n");
   printf("| For Viewing Press 2
                                   |\n");
                                                                 if (nn == 1)
   printf("| For Reset Press 3
                                  |\n");
                                                                   printf("+----+\n");
   printf("| For Exit Press 4
                                 |\n");
                                                                   printf("| ENTRIES Are Resetted
   printf("+----+\n");
                                                                                                      |\n");
                                                                   printf("+----+\n");
   printf("\n");
   /* printf("+----Subjects Code----+\n");
                                                                   printf("+----+\n");
   printf("| 1. SDF
                       |\n");
                                                                   printf("| ADD A NEW Entry |\n");
                                                                   printf("+----+\n");
   printf("| 2. English
                        |\n");
   printf("| 3. Physics
                          |\n");
                                                                   FILE *ptr1;
   printf("| 4. SDF LAB
                                                                   FILE *ptr11;
                         |\n");
   printf("| 5. Maths
                                                                   ptr1 = fopen("SDF.txt", "w");
                        |\n");
   printf("+----+\n");*/
                                                                   ptr11=fopen("General.txt","a");
   printf("\n");
                                                                   printf("Enter the New Timing: ");
   printf("+----TIP TO
                                                                   fflush(stdin);
USE----+\n");
                                                                   gets(str11);
   printf("| After Adding Values Please Restart the
                                                                   printf("Enter the Topic: ");
Program
                    |\n");
                                                                   fflush(stdin);
   /* printf("| If you Press 3 then Subject.txt will
                                                                   gets(str12);
Reset and New one entry is Added \\n");*/
                                                                   fprintf(ptr1, "+-----+\n");
                                                                   fprintf(ptr1, "%s %s\n", str11, str12);
                                                                   fprintf(ptr11, "+-----+\n");
printf("+-----
                                                                   fprintf(ptr11, "%s %s\n", str11, str12);
--+\n");
                                                                   printf("\n Operation is Done Successfully\n");
   printf("\n");
   printf("+----+\n");
                                                                   /* c=fgetc(ptr1);
   printf(" Enter the Command : ");
                                                                   while(c!=EOF)
   scanf("%d", &n);
                                                                     printf("%c",c);
   /* printf("+----+\n");*/
```

```
c=fgetc(ptr1);
                                                              FILE *ptr3;
       }*/
                                                                      FILE *ptr31;
                                                                      ptr3 = fopen("Physics.txt", "w");
      else if (nn == 2)
                                                                      ptr31=fopen("General.txt","a");
                                                                      printf("Enter the New Timing : ");
        printf("+-----
                                                                      fflush(stdin);
                                                                      gets(str11);
        printf("| ENTRIES Are Resetted
                                           |\n");
                    -----+\n");
        printf("+----
                                                                      printf("Enter the Topic : ");
        printf("+----+\n");
                                                                      fflush(stdin);
        printf("| ADD A NEW Entry |\n");
                                                                      gets(str12);
                                                                      fprintf(ptr3, "+-----+\n");
        printf("+-----+\n");
        FILE *ptr2;
                                                                      fprintf(ptr3, "%s %s\n", str11, str12);
       FILE *ptr21;
                                                                      fprintf(ptr31, "+-----+\n");
        ptr2 = fopen("English.txt", "w");
                                                                      fprintf(ptr31, "%s %s\n", str11, str12);
        ptr21=fopen("General.txt","a");
                                                                      printf("\n Operation is Done Successfully\n");
        printf("Enter the New Timing: ");
                                                                      /* c=fgetc(ptr1);
        fflush(stdin);
                                                                      while(c!=EOF)
        gets(str11);
        printf("Enter the Topic: ");
                                                                        printf("%c",c);
        fflush(stdin);
                                                                       c=fgetc(ptr1);
        gets(str12);
                                                                     }*/
        fprintf(ptr2, "+-----+\n");
                                                                   }
        fprintf(ptr2, "%s %s\n", str11, str12);
                                                                    else if (nn == 4)
        fprintf(ptr21, "+-----+\n");
        fprintf(ptr21, "%s %s\n", str11, str12);
                                                                      printf("+----+\n");
        printf("\n Operation is Done Successfully\n");
                                                                      printf("| ENTRIES Are Resetted
        /* c=fgetc(ptr1);
                                                                      printf("+----
                                                                                 -----+\n");
        while(c!=EOF)
                                                                      printf("+----
                                                                      printf("| ADD A NEW Entry
          printf("%c",c);
                                                                      printf("+-----
                                                                                   ----+\n");
          c=fgetc(ptr1);
                                                                      FILE *ptr4;
       }*/
                                                                      FILE *ptr41;
                                                                      ptr4 = fopen("SDF_LAB.txt", "w");
      else if (nn == 3)
                                                                      ptr41=fopen("General.txt","a");
                                                                      printf("Enter the New Timing: ");
        printf("+----+\n");
                                                                      fflush(stdin);
        printf("| ENTRIES Are Resetted
                                           |\n");
                                                                      gets(str11);
       printf("+----+\n");
                                                                      printf("Enter the Topic : ");
        printf("+----+\n");
                                                                      fflush(stdin);
        printf("| ADD A NEW Entry
                                       |\n");
                                                                      gets(str12);
        printf("+----
                    -----+\n");
                                                                      fprintf(ptr4, "+-----
```

```
fprintf(ptr4, "%s %s\n", str11, str12);
                                                                    else if (n == 2)
        fprintf(ptr41, "+-----+\n");
                                                                       {
        fprintf(ptr41, "%s %s\n", str11, str12);
                                                                          printf("+-----+\n");
        printf("\n Operation is Done Successfully\n");
                                                                          printf("| For Full Schedule Press 1 |\n");
        /* c=fgetc(ptr1);
                                                                          printf("| For Subject Wise Schedule Press 2 |\n");
        while(c!=EOF)
                                                                          printf("+----+\n");
                                                                          printf("Enter the Command: ");
         printf("%c",c);
                                                                          scanf("%d", &nnn);
         c=fgetc(ptr1);
                                                                          if (nnn == 1)
       }*/
                                                                            FILE *ptr1;
     else if (nn == 5)
                                                                            ptr1 = fopen("SDF.txt", "r");
                                                                            c = fgetc(ptr1);
        printf("+----+\n");
                                                                            while (c != EOF)
        printf("| ENTRIES Are Resetted
                                              |\n");
                                                                            {
                                                                              printf("%c", c);
        printf("+----+\n");
                                                                              c = fgetc(ptr1);
        printf("| ADD A NEW ENTRY
                                              |\n");
                                                                            }
        printf("+----+\n");
                                                                            printf("\n");
        FILE *ptr5;
                                                                            FILE *ptr2;
        FILE *ptr51;
                                                                            ptr2 = fopen("English.txt", "r");
        ptr5 = fopen("Maths.txt", "w");
                                                                            c = fgetc(ptr2);
        ptr51=fopen("General.txt","a");
                                                                            while (c != EOF)
        printf("Enter the New Timing: ");
                                                                            {
        fflush(stdin);
                                                                              printf("%c", c);
        gets(str11);
                                                                              c = fgetc(ptr2);
        printf("Enter the Topic : ");
                                                                            }
        fflush(stdin);
                                                                            printf("\n");
        gets(str12);
                                                                            FILE *ptr3;
        fprintf(ptr5, "%s %s\n", str11, str12);
                                                                            ptr3 = fopen("Physics.txt", "r");
        fprintf(ptr51, "+-----+\n");
                                                                            c = fgetc(ptr3);
        fprintf(ptr51, "%s %s\n", str11, str12);
                                                                            while (c != EOF)
        printf("\n Operation is Done Successfully\n");
                                                                            {
        /* c=fgetc(ptr1);
                                                                              printf("%c", c);
        while(c!=EOF)
                                                                              c = fgetc(ptr3);
        {
                                                                            }
         printf("%c",c);
                                                                            printf("\n");
         c=fgetc(ptr1);
                                                                            FILE *ptr4;
       }*/
                                                                            ptr4 = fopen("SDF_LAB.txt", "r");
     }
                                                                            c = fgetc(ptr4);
   }
                                                                            while (c != EOF)
```

```
printf("%c", c);
                                                                     else if (nn == 2)
        c = fgetc(ptr4);
                                                                               printf("+----+\n");
       printf("\n");
                                                                                printf("| Today's Work For English
                                                                                                                     |\n");
                                                                                printf("+----+\n");
       FILE *ptr5;
       ptr5 = fopen("Maths.txt", "r");
                                                                               FILE *ptr2;
       c = fgetc(ptr5);
                                                                               ptr2 = fopen("English.txt", "r");
       while (c != EOF)
                                                                               c = fgetc(ptr2);
                                                                               while (c != EOF)
       {
         printf("%c", c);
         c = fgetc(ptr5);
                                                                                  printf("%c", c);
       }
                                                                                  c = fgetc(ptr2);
       printf("\n");
       printf("\n Operation is Done Successfully\n");
                                                                               printf("\n");
    }
                                                                                printf("\n Operation is Done Successfully\n");
     else if (nnn == 2)
                                                                             else if (nn == 3)
       printf("+-----Subjects Code-----+\n");
                                                                             {
                                                                               printf("+----+\n");
       printf("| 1. SDF
                             |\n");
       printf("| 2. English
                              |\n");
                                                                               printf("| Today's Work For Physics
                                                                                                                      |\n");
                                                                               printf("+----+\n");
       printf("| 3. Physics
                               |\n");
       printf("| 4. SDF LAB
                              |\n");
                                                                               FILE *ptr3;
       printf("| 5. Maths
                             |\n");
                                                                               ptr3 = fopen("Physics.txt", "r");
       printf("+----+\n");
                                                                               c = fgetc(ptr3);
       printf(" Enter the Subject Code : ");
                                                                               while (c != EOF)
       scanf("%d", &nn);
       printf("+----+\n");
                                                                                  printf("%c", c);
       if (nn == 1)
                                                                                  c = fgetc(ptr3);
         printf("+----+\n");
                                                                                printf("\n");
         printf("| Today's Work For SDF
                                                                                printf("\n Operation is Done Successfully\n");
         printf("+----+\n");
         FILE *ptr1;
                                                                             else if (nn == 4)
         ptr1 = fopen("SDF.txt", "r");
         c = fgetc(ptr1);
                                                                               printf("+----+\n");
         while (c != EOF)
                                                                               printf("| Today's Work For SDF LAB
                                                                                                                       |\n");
                                                                               printf("+----+\n");
           printf("%c", c);
                                                                               FILE *ptr4;
           c = fgetc(ptr1);
                                                                                ptr4 = fopen("SDF_LAB.txt", "r");
         }
                                                                                c = fgetc(ptr4);
         printf("\n");
                                                                                while (c != EOF)
         printf("\n Operation is Done Successfully\n");
                                                                                  printf("%c", c);
```

```
printf("| ADD A NEW Event
c = fgetc(ptr4);
                                                                                                     |\n");
         }
                                                                           printf("+-----
                                                                                                   ----+\n");
         printf("\n");
                                                                           FILE *ptr1;
         printf("\n Operation is Done Successfully\n");
                                                                           FILE *ptr11;
                                                                           ptr1 = fopen("SDF.txt", "a");
       }
        else if (nn == 5)
                                                                           ptr11=fopen("General.txt","a");
                                                                           printf("Add the New Timing: ");
         printf("+----+\n");
                                                                           fflush(stdin);
         printf("| Today's Work For MATHS
                                                                           gets(str11);
                                               |\n");
         printf("+----+\n");
                                                                           printf("Enter the Topic : ");
         FILE *ptr5;
         ptr5 = fopen("Maths.txt", "r");
                                                                           gets(str12);
         c = fgetc(ptr5);
                                                                           fprintf(ptr1, "+-----+\n");
         while (c != EOF)
                                                                           fprintf(ptr1, "%s %s\n", str11, str12);
                                                                           fprintf(ptr1, "+-----+\n");
                                                                           fprintf(ptr11, "+-----+\n");
           printf("%c", c);
                                                                           fprintf(ptr11, "%s %s --> SDF\n", str11, str12);
           c = fgetc(ptr5);
         }
                                                                           fprintf(ptr11, "+-----+\n");
         printf("\n");
                                                                           fflush(stdin);
         printf("\n Operation is Done Successfully\n");
                                                                           printf("\n Operation is Done Successfully\n");
       }
                                                                         else if (nn == 2)
      }
                                                                         {
      else
                                                                           printf("+----+\n");
       printf("\nEnter the Valid Command\n");
                                                                           printf("| ADDING NEW Event
                                                                                                             |\n");
                                                                           printf("+----+\n");
      }
    else if (n == 1)
                                                                           FILE *ptr2;
                                                                           FILE *ptr21;
      printf("+-----Subjects Code-----+\n");
                                                                           ptr2 = fopen("English.txt", "a");
      printf("| 1. SDF
                         |\n");
                                                                           ptr21=fopen("General.txt","a");
      printf("| 2. English
                           |\n");
                                                                           printf("Add the New Timing: ");
      printf("| 3. Physics
                            |\n");
                                                                           fflush(stdin);
      printf("| 4. SDF LAB
                                                                           gets(str11);
                            |\n");
      printf("| 5. Maths
                          |\n");
                                                                           printf("Enter the Topic : ");
      printf("+----+\n");
                                                                           fflush(stdin);
                                                                           gets(str12);
      printf("\n");
                                                                           fprintf(ptr2, "+-----+\n");
      printf(" Enter the Subject Code : ");
      scanf("%d", &nn);
                                                                           fprintf(ptr2, "%s %s\n", str11, str12);
      printf("+----+\n");
                                                                           fprintf(ptr2, "+-----+\n");
                                                                           fprintf(ptr21, "+-----+\n");
      if (nn == 1)
                                                                           fprintf(ptr21, "%s %s --> English\n", str11, str12);
       printf("+----+\n");
                                                                           fprintf(ptr21, "+-----+\n");
```

```
fprintf(ptr41, "+-----+\n");
printf("\n Operation is Done Successfully\n");
     }
                                                                        fprintf(ptr41, "%s %s --> SDF LAB\n", str11, str12);
                                                                        fprintf(ptr41, "+-----+\n");
     else if (nn == 3)
                                                                        printf("\n Operation is Done Successfully\n");
       printf("+----+\n");
       printf("| ADDING NEW Event
                                           |\n");
                                                                      else if (nn == 5)
                       ----+\n");
       printf("+-----
       FILE *ptr3;
                                                                        printf("+----+\n");
                                                                        printf("| ADDING NEW Event
       FILE *ptr31;
       ptr3 = fopen("Physics.txt", "a");
                                                                        printf("+-----
                                                                                        ----+\n");
                                                                        FILE *ptr5;
       ptr31=fopen("General.txt","a");
       printf("Add the New Timing: ");
                                                                        FILE *ptr51;
       fflush(stdin);
                                                                        ptr5 = fopen("Maths.txt", "a");
        gets(str11);
                                                                        ptr51=fopen("General.txt","a");
                                                                        printf("Add the New Timing: ");
       printf("Enter the Topic:");
        fflush(stdin);
                                                                        fflush(stdin);
        gets(str12);
                                                                        gets(str11);
        fprintf(ptr3, "+-----+\n");
                                                                        printf("Enter the Topic : ");
        fprintf(ptr3, "%s %s\n", str11, str12);
                                                                        fflush(stdin);
        fprintf(ptr3, "+-----+\n");
                                                                        gets(str12);
        fprintf(ptr31, "+-----+\n");
                                                                        fprintf(ptr5, "+-----+\n");
        fprintf(ptr31, "%s %s --> Physics\n", str11, str12);
                                                                        fprintf(ptr5, "%s %s\n", str11, str12);
        fprintf(ptr31, "+-----+\n");
                                                                        fprintf(ptr5, "+-----+\n");
                                                                        fprintf(ptr51, "+-----+\n");
       printf("\n Operation is Done Successfully\n");
                                                                        fprintf(ptr51, "%s %s --> Maths\n", str11, str12);
      else if (nn == 4)
                                                                        fprintf(ptr51, "+-----+\n");
                                                                        printf("\n Operation is Done Successfully\n");
       printf("+----+\n");
                                                                      }
       printf("| ADDING NEW Event
                                           |\n");
       printf("+----+\n");
                                                                    if (n >= 5 || n <= 0)
       FILE *ptr4;
                                                                      printf("\n\nEnter the Valid Number\n\n\n");
       FILE *ptr41;
                                                                  } while (n != 4);
       ptr4 = fopen("SDF_LAB.txt", "a");
                                                                  getch();
       ptr41=fopen("General.txt","a");
                                                                  return 0;
       printf("Add the New Timing: ");
       fflush(stdin);
        gets(str11);
       printf("Enter the Topic: ");
        fflush(stdin);
        gets(str12);
        fprintf(ptr4, "+-----+\n");
        fprintf(ptr4, "%s %s\n", str11, str12);
        fprintf(ptr4, "+-----+\n");
```

|\n");