```
clang-7 -pthread -lm -o main main.c./main
                                                                                                                                                                                                                          Q 🛛
     }
if(str==1)
head1=prev;
else if(str==2)
head2=prev;
display(str);
                                                                                                                    1. Create
2. Display
3. Reverse
4. Concatinate
5. Exit
                                                                                                                    Enter your choice : 1
Enter the list to be added to:
void display(int str)
{
      struct node *ptr=NULL;
                                                                                                                    Enter the data : 1
Node created
        if(str==1)
  ptr=head1;
  else if(str==2)
  ptr=head2;
                                                                                                                    1. Create
2. Display
3. Reverse
4. Concatinate
5. Exit
     if(ptr==NULL)
           printf("Nothing to print\n");
                                                                                                                    Enter your choice : 1
Enter the list to be added to:
                                                                                                                    Enter the data : 2
Node created
         t
printf("%d ",ptr->data);
ptr=ptr->next;
}
            while(ptr!=NULL)
                                                                                                                    1. Create
2. Display
3. Reverse
4. Concatinate
5. Exit
                                                                                                                    Enter your choice : 1
Enter the list to be added to:
                                                                                                                                                                                                                                  Q 💌
             current=next;
                                                                                                                        Enter your choice : 1
Enter the list to be added to:
      }
if(str==1)
                                                                                                                        Enter the data : 3
Node created
      head1=prev;
else if(str==2)
head2=prev;
display(str);

    Display
    Reverse

void display(int str)
                                                                                                                        4. Concatinate
      struct node *ptr=NULL;
if(str==1)
ptr=head1;
else if(str==2)
ptr=head2;
                                                                                                                        Enter your choice : 1
Enter the list to be added to:
                                                                                                                        Enter the data: 4
                                                                                                                        Node created
      if(ptr==NULL)
                                                                                                                        2. Display
3. Reverse
4. Concatinate
            printf("Nothing to print\n");
             while(ptr!=NULL)
                                                                                                                        Enter your choice : 1
Enter the list to be added to:
            printf("%d ",ptr->data);
ptr=ptr->next;
                                                                                                                        Enter the data : 5
                                                                                                                        Node created
                                                                                                                        1. Create
2. Display
3. Reverse
4. Concatinate
                                                                                                                        5. Exit
```

```
current=next;
                                                                                                                                                                                                                                                                                                       Q @
                                                                                                                                                             1. Create
2. Display
3. Reverse
4. Concatinate
5. Exit
Enter your choice : 2
Enter the string to be displayed
          }
if(str==1)
head1=prev;
else if(str==2)
head2=prev;
display(str);
  void display(int str)
{
                                                                                                                                                                1
123
                                                                                                                                                              1. Create
2. Display
3. Reverse
4. Concatinate
5. Exit
          struct node *ptr=NULL;
              if(str==1)
  ptr=head1;
else if(str==2)
  ptr=head2;
                                                                                                                                                              Enter your choice : 2
Enter the string to be displayed
                                                                                                                                                              4 5
1. Create
2. Display
3. Reverse
4. Concatinate
                  printf("Nothing to print\n");
               t
printf("%d ",ptr->data);
ptr=ptr->next;
}
                                                                                                                                                              5. Exit
Enter your choice : 3
Enter the list to be reversed
                                                                                                                                                              1
3 2 1
1. Create
2. Display
3. Reverse
4. Concatinate
5. Exit
                                                                                                                                                              4 5
1. Create
2. Display
3. Reverse
4. Concatinate
5. Exit
                  current=next;
                                                                                                                                                                                                                                                                                                        Q 🛛
      }
if(str==1)
head1=prev;
else if(str==2)
head2=prev;
display(str);
                                                                                                                                                              Enter your choice : 3
Enter the list to be reversed
void display(int str)
{
                                                                                                                                                              1
3 2 1
1. Create
2. Display
3. Reverse
4. Concatinate
        struct node *ptr=NULL;
if(str==1)
ptr=head1;
else if(str==2)
ptr=head2;
                                                                                                                                                              5. Exit
Enter your choice : 3
Enter the list to be reversed
                printf("Nothing to print\n");
                                                                                                                                                              1. Create
2. Display
                                                                                                                                                              2. Display
3. Reverse
4. Concatinate
5. Exit
Enter your choice: 4
3.2.1.5.4
1. Create
2. Display
3. Reverse
4. Concatinate
5. Exit
Enter your choice: 5
                 while(ptr!=NULL)
             while(ptr!=NULL)
{
printf("%d ",ptr->data);
ptr=ptr->next;
}
                                                                                                                                                              Enter your choice : 5
```