```
// Cricket Scoreboard  //

#include<stdio.h>
#include<stdlib.h>

struct batsman
 {
   char name[25];
   int runs,score,balls,toruns,tobal,ones,twos,threes,fours,sixes;
   int max_six,max_run,max_four;
   float str;

 }pl1[100],pl3;


struct bowler
 {
   char name[25];
   int runsgv,wkttkn,overs;
   int max_w;
   float econ;
 }pl2[100],pl4;


int main()
{
 int plno,choice;
  int i,n,m;
  printf("Enter the Batsman detail:\n");
  printf("Enter the number of batsman:\n");
  scanf("%d",&m);
  for(i=0;i<m;i++)
   {

       printf("Enter name of batsman%d:\n",i+1);
       scanf("%s",pl1[i].name);


       printf("Enter the number of ones scored by player%d:\n ",i+1);
       scanf("%d",&pl1[i].ones);


       printf("Enter the number of twos scored by player%d:\n ",i+1);
       scanf("%d",&pl1[i].twos);
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    printf("Enter the number of threes scored by player%d:\n ",i+1);
    scanf("%d",&pl1[i].threes);


    printf("Enter the number of fours scored by player%d:\n ",i+1);
    scanf("%d",&pl1[i].fours);


    printf("Enter the number of sixes scored by player%d:\n ",i+1);
    scanf("%d",&pl1[i].sixes);


    printf("Enter the balls played by the player%d:\n",i+1);
    scanf("%d",&pl1[i].balls);
}



printf("\nEnter the bowlers details:\n");

printf("Enter the number of bowlers:\n");

scanf("%d",&n);


for(i=0;i<n;i++)
{

    printf("\nEnter name of bowler%d:",i+1);
    scanf("%s",pl2[i].name);


    printf("Enter the runs given by the bowler%d:\n ",i+1);
    scanf("%d",&pl2[i].runsgv);


    printf("Enter the overs bowled by the bowler%d:\n",i+1);
    scanf("%d",&pl2[i].overs);


    printf("Enter the wickets taken by the bowler%d\n",i+1);
    scanf("%d",&pl2[i].wkttkn);
```

```
  }

  printf("Thank you all details are recorded\n");


  do
   {

      printf("Enter the choice:\n 1)Batsman detail:\n 2)Bowlers detail:\n 3)Match summary:\n
4)Record:\n 5)Exit\n ");
      scanf("%d",&choice);

    switch(choice)
     {

       case 1:
            printf("Enter the batsman number to see his details\n");
            scanf("%d",&plno);

            plno--;
            printf("                    Player Detail\n");

printf("=============================================================================
========\n");
            printf(" Batsman       runs          balls       fours       sixes        sr   \n");

printf("=============================================================================
========\n");



pl1[plno].runs=(1*pl1[plno].ones)+(2*pl1[plno].twos)+(3*pl1[plno].threes)+(4*pl1[plno].fours)+(6*
pl1[plno].sixes);
            pl1[plno].str=(pl1[plno].runs*100.00)/pl1[plno].balls;
            printf(" %-15s %-14d %-13d %-11d %-11d
%-9.2f\n\n",pl1[plno].name,pl1[plno].runs,pl1[plno].balls,pl1[plno].fours,pl1[plno].sixes,pl1[plno].s
tr);

            break;


       case 2:
           printf("Enter the bowlers number to see his details\n");
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```
            scanf("%d",&plno);

            plno--;
             printf("                    Player Detail\n  ");

printf("=================================================================\n")
;
             printf(" Bowler       overs          runs       wicket      economy\n");

printf("=================================================================\n")
;

              for(i=0;i<n;i++)
              {   pl2[plno].econ=pl2[plno].runsgv/pl2[plno].overs;
                  printf(" %-15s %-14d %-13d %-11d
%-11.2f\n\n",pl2[plno].name,pl2[plno].overs,pl2[plno].runsgv,pl2[plno].wkttkn,pl2[plno].econ);
              }

            break;

        case 3:
             printf("                  Match summary\n");

printf("=================================================================
=======\n");
             printf(" Batsman       runs          balls       fours      sixes        sr   \n");

printf("=================================================================
=======\n");

             for(i=0;i<1;i++)
               {

pl1[i].runs=(1*pl1[i].ones)+(2*pl1[i].twos)+(3*pl1[i].threes)+(4*pl1[i].fours)+(6*pl1[i].sixes);
                  pl3.toruns+=pl1[i].runs;
                  pl1[i].str=(pl1[i].runs*100.00)/pl1[i].balls;
                  printf(" %-15s %-14d %-13d %-11d %-11d
%-9.2f\n\n",pl1[i].name,pl1[i].runs,pl1[i].balls,pl1[i].fours,pl1[i].sixes,pl1[i].str);
               }
              printf("TOTAL RUNS:%d\n\n",pl3.toruns);
             printf("\n\n");

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

```
            printf(" Bowler       overs          runs       wicket      economy\n");

printf("================================================================\n")
;

             for(i=0;i<n;i++)
             {   pl2[i].econ=pl2[i].runsgv/pl2[i].overs;
                 printf(" %-15s %-14d %-13d %-11d
%-11.2f\n\n\n",pl2[i].name,pl2[i].overs,pl2[i].runsgv,pl2[i].wkttkn,pl2[i].econ);
             }


             break;

       case 4: pl3.max_run=0,pl4.max_w=0,pl3.max_four=0,pl3.max_six=0;

              for(i=0;i<m;i++)
                {

pl1[i].runs=(1*pl1[i].ones)+(2*pl1[i].twos)+(3*pl1[i].threes)+(4*pl1[i].fours)+(6*pl1[i].sixes);
                  if(pl3.max_run<pl1[i].runs)
                    {
                      pl3.max_run=pl1[i].runs;

                    }

                  if(pl3.max_six<pl1[i].sixes)
                   {
                    pl3.max_six=pl1[i].sixes;
                   }

                  if(pl3.max_four<pl1[i].fours)
                   {
                    pl3.max_four=pl1[i].fours;
                   }

                  if(pl4.max_w<pl2[i].wkttkn)
                   {
                    pl4.max_w=pl2[i].wkttkn;
                   }
                }
             printf("Highest runs scored by the batsman:%d\n",pl3.max_run);

             printf("Maximum fours scored by the batsman:%d\n",pl3.max_four);
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            printf("Maximum sixes scored by the batsman%d:\n",pl3.max_six);

            printf("Maximum wickets taken by the bowler:%d\n",pl4.max_w);

            break;



        case 5:
            exit(1);

        default:
            printf("Enter the correct choice\n");
            break;

      }

    }while(choice!=5);


   return 0;

}
```

GitHub - https://github.com/omkarbhangare

Link din -
https://www.linkedin.com/in/omkar-bhangare-3b120a376?trk=contact-info