Name – Saksham Kapoor

Class – MEB2

Rno – 2330088

Subject PPS 18 CODES

GitHub Link

FIND CUBE OF A NUMBER

```c
1   #include <stdio.h>
2
3   int main() {
4       int a;
5       int cube;
6       printf("Find Cube Of A Number \n \n");
7       printf("Enter The Value You Want to Get Cube of :");
8       scanf("%d", &a);
9       cube = a*a*a;
10      printf("Cube Of The Input Value Is : %d \n \n", cube);
11      printf("Code By\n Saksham Kapoor\n 2330088\n MEB2");
12
13      return 0;
14  }
```

```
/tmp/D1gv1MXc1H.o
Find Cube Of A Number

Enter The Value You Want to Get Cube of :2
Cube Of The Input Value Is : 8

Code By
 Saksham Kapoor
 2330088
 MEB2
```

FIND SQUARE OF A NUMBER

```c
#include <stdio.h>

int main() {
    int a;
    int sq;
    printf("Square Of A Number \n \n");
    printf("Enter The Value You Want to Get Square of :");
    scanf("%d", &a);
    sq = a*a;
    printf("Square Of The Input Value Is : %d \n \n", sq);
    printf("Code By\n Saksham Kapoor\n 2330088\n MEB2");

    return 0;
}
```

```
/tmp/D1gv1MXc1H.o
Square Of A Number

Enter The Value You Want to Get Square of :29
Square Of The Input Value Is : 841

Code By
 Saksham Kapoor
 2330088
 MEB2
```

Project

```
1  #include <stdio.h>
2
3  int main() {
4      puts("Saksham Kapoor");
5      puts("Mechanical Engg (MEB2) ");
6      puts("2330088");
7      puts("Ludhiana");
8      puts("Automobile Engineer");
9      return 0;
10 }
```

```
/tmp/D1gv1MXc1H.o
Saksham Kapoor
Mechanical Engg (MEB2)
2330088
Ludhiana
Automobile Engineer
```

Project

```
1  #include <stdio.h>
2
3  int main() {
4      puts("Name:      Saksham Kapoor \nBranch:    Mechanical Engg (MEB2) \nRno:
            2330088 \nHometown: Ludhiana \nPassion:  Automobile Engineer  ");
5      return 0;
6  }
```

```
/tmp/D1gv1MXc1H.o
Name:      Saksham Kapoor
Branch:    Mechanical Engg (MEB2)
Rno:       2330088
Hometown: Ludhiana
Passion:  Automobile Engineer
```

Project

```
1   #include <stdio.h>                                          /tmp/D1gv1MXc1H.o
2                                                               #
3 - int main() {                                               ##
4       puts("#");                                             ###
5       puts("##");                                            ####
6       puts("###");                                           #####
7       puts("####");                                          ######
8       puts("#####");                                         #######
9       puts("######");                                        ########
0        puts("#######");                                      #########
1         puts("########");                                    ##########
2          puts("#########");
3           puts("########## \n");                             Code By:
4                                                                Saksham Kapoor
5       printf("Code By:\n Saksham Kapoor\n 2330088\n MEB2");    2330088
6       return 0;                                               MEB2
7  }
```

Project

```
1   #include <stdio.h>                                          /tmp/D1gv1MXc1H.o
2                                                               #
3 - int main() {                                               ##
4       puts("# \n## \n### \n#### \n##### \n###### \n####### \n######## \n#########    ###
            \n##########");                                     ####
5       printf("Code By:\n Saksham Kapoor\n 2330088\n MEB2");    #####
6       return 0;                                               ######
7  }                                                            #######
                                                                ########
                                                                #########
                                                                ##########
                                                                Code By:
                                                                 Saksham Kapoor
                                                                 2330088
                                                                 MEB2
```

Project

```c
1  #include <stdio.h>
2
3  int main() {
4      puts("# \n## \n### \n#### \n##### \n###### \n####### \n######## \n#########
           \n##########");
5      printf("Code By:\n Saksham Kapoor\n 2330088\n MEB2");
6      return 0;
7  }
```

```
/tmp/D1gv1MXc1H.o
#
##
###
####
#####
######
#######
########
#########
##########
Code By:
 Saksham Kapoor
 2330088
 MEB2
```

Project

```c
1   #include <stdio.h>
2
3   int main() {
4       int a;
5       int b;
6       int sum;
7       printf("Addition Of Two Numbers A And B \n \n");
8       printf("Enter The Value For A:");
9       scanf("%d", &a);
10      printf("Enter The Value For B:");
11      scanf("%d", &b);
12      sum = a+b;
13      printf("Addition of A And B Is %d \n \n", sum);
14      printf("Code By\n Saksham Kapoor\n 2330088\n MEB2");
15
16
17
18      return 0;
19  }
```

```
/tmp/D1gv1MXc1H.o
Addition Of Two Numbers A And B

Enter The Value For A:2
Enter The Value For B:5
Addition of A And B Is 7

Code By
 Saksham Kapoor
 2330088
 MEB2
```

Project

```c
1  #include <stdio.h>
2
3  int main() {
4      int r;
5      float p=3.14;
6      int ar;
7      printf("Find Area Of A Circle \n \n");
8      printf("Enter The Radius Of The Circle :");
9      scanf("%d", &r);
10     ar = p*r*r;
11     printf("Area Of Circle of provided Radius is : %d \n \n", ar);
12     printf("Code By:\n Saksham Kapoor\n 2330088\n MEB2");
13
14     return 0;
15  }
```

```
/tmp/D1gv1MXc1H.o
Find Area Of A Circle

Enter The Radius Of The Circle :7
Area Of Circle of provided Radius is : 153

Code By:
 Saksham Kapoor
 2330088
 MEB2
```

Project

```c
1  #include <stdio.h>
2
3  int main() {
4      int r;
5      float p=3.14;
6      float d=2;
7      int ar;
8      printf("Find Circumference Of A Circle \n \n");
9      printf("Enter The Radius Of The Circle :");
10     scanf("%d", &r);
11     ar = d*p*r;
12     printf("Circumference Of Circle of provided Radius is : %d \n \n", ar);
13     printf("Code By:\n Saksham Kapoor\n 2330088\n MEB2");
14
15     return 0;
16  }
```

```
/tmp/D1gv1MXc1H.o
Find Circumference Of A Circle
Enter The Radius Of The Circle :5
Circumference Of Circle of provided Radius is : 31

Code By:
 Saksham Kapoor
 2330088
 MEB2
```

Project

```c
#include <stdio.h>

int main() {
    int r;
    int p;
    int t;
    int si;
    printf("Find Simple Interest of Provided Data Using SI=PxRxT \n \n");
    printf("Enter The Rate Of Interest in % :");
    scanf("%d", &r);
    printf("Enter The Principal Amount in RS :");
    scanf("%d", &p);
    printf("Enter The Time period in Years :");
    scanf("%d", &t);
    si = ( p * r * t ) / 100.00;
    printf("Simple Interest of The provided Data is : %d \n \n", si);
    printf("Code By:\n Saksham Kapoor\n 2330088\n MEB2");

  return 0;
}
```

```
/tmp/D1gv1MXc1H.o
Find Simple Interest of Provided Data Using SI=PxRxT

Enter The Rate Of Interest in % :2
Enter The Principal Amount in RS :2500
Enter The Time period in Years :2
Simple Interest of The provided Data is : 100

Code By:
 Saksham Kapoor
 2330088
 MEB2
```

Project

```c
#include <stdio.h>

int main() {
    float p=1.8;
    int d=32;
    int c;
    int f;
    printf("Degree Centigrade To Fahrenheit Converter \n \n");
    printf("Enter The tempreature in Degree Centigrade :");
    scanf("%d", &c);
    f = c*p+d;
    printf("Tempreature in Fahrenheit : %d \n \n", f);
    printf("Code By:\n Saksham Kapoor\n 2330088\n MEB2");

  return 0;
}
```

```
/tmp/D1gv1MXc1H.o
Degree Centigrade To Fahrenheit Converter
Enter The tempreature in Degree Centigrade :56
Tempreature in Fahrenheit : 132

Code By:
 Saksham Kapoor
 2330088
 MEB2
```

Project

```c
#include <stdio.h>

int main() {
    int a;
    int b;
    int c;
    int d;
    int e;
    int sum;
    int av;
    int per;
    printf("Average And Percentage Calculator (Upto 5 Courses) \n \n");
    printf("Enter The Marks in Course 1: (Out of 100) :");
    scanf("%d", &a);
    printf("Enter The Marks in Course 2: (Out of 100) :");
    scanf("%d", &b);
    printf("Enter The Marks in Course 3: (Out of 100) :");
    scanf("%d", &c);
    printf("Enter The Marks in Course 4: (Out of 100) :");
    scanf("%d", &d);
    printf("Enter The Marks in Course 5: (Out of 100) :");
    scanf("%d", &e);
    sum = a+b+c+d+e;
    av = sum / 5 ;
    per = (sum * 100) / 500;
    printf("Sum Of Marks In Courses : %d \n", sum);
    printf("Average Score in Total  : %d Marks \n", av);
    printf("Percentage Obtained     : %d % \n \n", per);
    printf("Code By:\n Saksham Kapoor\n 2330088\n MEB2");

    return 0;
}
```

```
/tmp/D1gv1MXc1H.o
Average And Percentage Calculator (Upto 5 Courses)

Enter The Marks in Course 1: (Out of 100) :35
Enter The Marks in Course 2: (Out of 100) :32
Enter The Marks in Course 3: (Out of 100) :44
Enter The Marks in Course 4: (Out of 100) :54
Enter The Marks in Course 5: (Out of 100) :22
Sum Of Marks In Courses : 187
Average Score in Total  : 37 Marks
Percentage Obtained     : 37 %

Code By:
 Saksham Kapoor
 2330088
 MEB2
```

Project

```c
#include <stdio.h>

int main() {
    int x, y;

    printf("Enter two numbers: ");
    scanf("%d %d", &x, &y);

    printf("After swapping:  %d %d \n", y,x);

    printf("Code By:\n Saksham Kapoor\n 2330088\n MEB2");

    return 0;
}
```

```
/tmp/D1gv1MXc1H.o
Enter two numbers: 1 2
After swapping:  2 1
Code By:
 Saksham Kapoor
 2330088
 MEB2
```

Project

```c
#include <stdio.h>

int main() {
    int x, y, a, b, c;

    printf("Reverse a 5 Digit Number \n \n");
    printf("Enter 5 Digit number including spaces:");
    scanf("%d %d %d %d %d", &x, &y, &a, &b, &c);

    printf("After Reversing The Number:  %d %d %d %d %d \n", c, b, a, y, x);

    printf("Code By:\n Saksham Kapoor\n 2330088\n MEB2");

    return 0;
}
```

```
/tmp/D1gv1MXc1H.o
Reverse a 5 Digit Number

Enter 5 Digit number including spaces:1 2 3 4 5
After Reversing The Number:  5 4 3 2 1
Code By:
 Saksham Kapoor
 2330088
 MEB2
```

Project

```c
1  #include <stdio.h>
2
3  int main() {
4      int x, y, a, b, c;
5      int sum;
6
7      printf("Reverse a 5 Digit Number \n \n");
8      printf("Enter 5 Digit number including spaces:");
9      scanf("%d %d %d %d %d", &x, &y, &a, &b, &c);
10
11     sum = x+y+a+b+c;
12
13     printf("Sum of Digits of Number:  %d \n", sum);
14
15     printf("Code By:\n Saksham Kapoor\n 2330088\n MEB2");
16
17     return 0;
18 }
```

```
/tmp/D1gv1MXc1H.o
Reverse a 5 Digit Number

Enter 5 Digit number including spaces:1 2 3 4 5
Sum of Digits of Number:  15
Code By:
 Saksham Kapoor
 2330088
 MEB2
```

Project

```
1   #include <stdio.h>
2
3   int main() {
4
5       int a, b, c, d, e, f, g, h, i, j, k;
6
7       printf ("Input The Number You want to get Table OF :");
8       scanf("%d" , &a);
9       b = a*1;
0       c = a*2;
1       d = a*3;
2       e = a*4;
3       f = a*5;
4       g = a*6;
5       h = a*7;
6       i = a*8;
7       j = a*9;
8       k = a*10;
9       printf("%d x 1 = %d \n", a, b);
0       printf("%d x 2 = %d \n", a, c);
1       printf("%d x 3 = %d \n", a, d);
2       printf("%d x 4 = %d \n", a, e);
3       printf("%d x 5 = %d \n", a, f);
4       printf("%d x 6 = %d \n", a, g);
5       printf("%d x 7 = %d \n", a, h);
6       printf("%d x 8 = %d \n", a, i);
7       printf("%d x 9 = %d \n", a, j);
8       printf("%d x 10 = %d \n \n", a, k);
9
0       printf("Code By: \nSaksham Kapoor \n2330088 \nMEB2");
1
2       return 0;
3
4   }
```

```
/tmp/D1gv1MXc1H.o
Input The Number You want to get Table OF :6
6 x 1 = 6
6 x 2 = 12
6 x 3 = 18
6 x 4 = 24
6 x 5 = 30
6 x 6 = 36
6 x 7 = 42
6 x 8 = 48
6 x 9 = 54
6 x 10 = 60

Code By:
Saksham Kapoor
2330088
MEB2
```

THANK YOU