1. Print your name – SOA University.

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| #include <stdio.h>  int main()  {  printf("Name : Swagatika panda\n");  printf("SOA University");  return(0);  } |

1. Print your name, mobile number and email id in different lines.

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| #include <stdio.h>  int main()  {  printf("Name : Swagatika panda\n");  printf("Mobile : 91- 8658300375\n");  printf("Email id: swagatikapanda164@gmail.com\n");  return(0);  } |

1. Get int, float and char as input, then print the same

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| #include <stdio.h>  int main()  {  int Integer;  char Character;  float Float;    printf(" Enter a Character : ");  scanf("%c", &Character);    printf(" Enter an Integer Value : ");  scanf("%d", &Integer);    printf(" Enter Float Value : ");  scanf("%f", &Float);    printf(" \n The Integer Value that you Entered is : %d", Integer);  printf(" \n The Character that you Entered is : %c", Character);  printf(" \n The Float Value that you Entered is : %f", Float);    return 0;  } |

1. Find the sum of 5 given numbers

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| #include<stdio.h>  Int main() {  Int sum=0, i, value;  printf("Enter %d integers\n");  for (i = 1; i <= 5; i++)  {  scanf("%d", &value);  sum = sum + value;  }  printf("Sum of the integers = %d\n", sum);    return 0;  } |

1. Find the student average mark given mark1 and mark2

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| #include<stdio.h>  int main(){  int mark1, mark;  float avg;  printf(“enter mark1:\n”);  scanf(“%d”, &mark1);  printf(“enter mark2:\n”);  scanf(“%d”, &mark2);  avg = (mark1+mark2)/2;  printf(“the average is: %d”, avg)  return 0;  } |

1. Calculate the total fine charged by library for late-return books. The charge is 0.20 INR for 1 day.

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| #include<stdio.h>  int main(){  int days;  float charge= 0.20;  float total;  printf(“enter days\n”);  scanf(“%d”, days);  total = days\*charge;  printf (“the total charge is: %f”, total);  } |

1. You had bought a nice shirt which cost Rs.29.90 exclusive of 15% discount. Count the discounted price for the shirt

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| #include<stdio.h>  int main(){  float cost = 29.90;  float discounted\_price;  discounted\_price = cost \* 0.15;  printf(“the discounted price is: %f\n”, discounted\_price);  } |

1. Swap 2 numbers with 3rd variable

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| #include<stdio.h>  int main() {  double first, second, temp;  printf("Enter first number: ");  scanf("%lf", &first);  printf("Enter second number: ");  scanf("%lf", &second);  temp = first;  first = second;  second = temp;  printf("\nAfter swapping, firstNumber = %.2lf\n", first);  printf("After swapping, secondNumber = %.2lf", second);  return 0;  } |

1. Swap 2 numbers without 3rd variable

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| #include<stdio.h>  int main()  {  int a=10, b=20;  printf("Before swap a=%d b=%d",a,b);  a=a+b;  b=a-b;  a=a-b;  printf("\nAfter swap a=%d b=%d",a,b);  return 0;  } |