***3.Problem-3:***

1. Description:

- Print out the digits of x

- Print out sum of digits

1. Solution-1:

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1. Solution-2:

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| #include<stdio.h>  #include<math.h>  int main(){  int a, x = 0, y;  printf("Input a positive number less than 500: \n");  scanf("%d", & a);  int i;  int S=0;  while(a!=0){  S=S+(a%10);  a =a/10;  }  printf("%d",S);  return 0;  } |

1. Test case:

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