# Lesson 1 Lab

Task 1: To make a **program** which reads an integer from user and then print it two times

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| #include <stdio.h>  int main() {  int number;  scanf("%d", &number);  printf("%d\n", number);  printf("%d", number);  return 0;  } |

Task 2: To make a **program** which reads two integers from user, and then print the sum of them

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| #include <stdio.h>  int main() {  int number1, number2;  scanf("%d %d", &number1, &number2);  printf("%d", number1 + number2);  return 0;  } |

Task 3:To make a **program** which reads two chars from user, and then print them in different lines

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| #include <stdio.h>  int main() {  char character;  scanf("%c", &character);  printf("%c\n", character);  printf("%c", character);  return 0;  } |

Task 4: To make a **program** which reads two integers from user, and then print them with the second number first, followed by the first input with a space in between

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| #include <stdio.h>  int main() {  int number1, number2;  scanf("%d %d", &number1, &number2);  printf("%d %d", number2, number1);  return 0;  } |

Task 5:To make a **program** which reads two integers from user, and then print the bigger one between the two, only using basic if statements

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| #include <stdio.h>  int main() {  int number1, number2;  scanf("%d %d", &number1, &number2);    if (number1 > number2)  {  printf("%d", number1);  }  if (number2 > number1)  {  printf("%d", number2);  }  if (number2 == number1)  {  printf("Numbers are equal");  }  return 0;  } |

Task 6: To make a **program** which reads an integer from user, and then print “positive”, “zero” or “negative” accordingly, only using basic if statements

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| #include <stdio.h>  int main() {  int number;  scanf("%d", &number);    if (number > 0)  {  printf("positive");  }  if (number == 0)  {  printf("zero");  }  if (number < 0)  {  printf("negative");  }  return 0;  } |

Task 7: To make a **program** which reads two integers from user, and then print the bigger one between the two or “they are same.” accordingly, using ONE if statement

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| #include <stdio.h>  int main() {  int number1, number2;  scanf("%d %d", &number1, &number2);    if (number1 > number2)  {  printf("%d", number1);  }  else if (number2 > number1)  {  printf("%d", number2);  }  else  {  printf("They are the same.");  }  return 0;  } |

Task 8: To make a **program** which reads an integer from user, and then print “positive”, “zero” or “negative” accordingly, using ONE if statement

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| #include <stdio.h>  int main() {  int number;  scanf("%d", &number);    if (number > 0)  {  printf("positive");  }  else if (number < 0)  {  printf("negative");  }  else  {  printf("zero");  }  return 0;  } |

Task 9: To make a **program** prints 1 to 50, each 7 per line using one while-loop

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| #include <stdio.h>  int main() {  int n = 1;  while (n <= 50)  {  printf("%d\n", n);  n++;  }  return 0;  } |

Task 10: make a program prints out numbers between 1 and 100: which are multiples of 2, or multiples of 3, but **NOT** multiple of 6

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| #include <stdio.h>  int main() {  int n = 1;  while (n <= 100)  {  if ((n % 6) == 0);  else if ((n % 2) == 0)  {  printf("%d\n", n);  }  else if ((n % 3) == 0)  {  printf("%d\n", n);  }  n++;  }  return 0;  } |