C PROGRAMMING VIVA QUESTION WITH ANSWERS

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What questions are asked in a Viva for C programming?

What questions will be asked in Viva?

What is the hardest topic in C programming? Tough and easy all are relative and depends on how much clear concept you have on that topic. Still according to me the toughest topic in C language is 'Pointer'. The reason why most of the people find it difficult is: First of all it works with addresses, so most of the time it becomes confusing.

What are the questions in C programming language?

How do I prepare for Viva? Practice answering questions Think about the sort of questions the examination team might ask and try to develop a way of answering them. At its most basic level, the viva is there to consider what your research is about, what you did, what your findings were and what impact it has made.

What is #include stdio.h in C? h" permits the programmer to carry out input/output operations and is utilized in C programming. Standard Input Output Header, or "stdio. h," contains features for handling file and console I/O, including the "printf()" function for formatted output and the "scanf()" function for formatted input.

How do I prepare for viva in one night?

How long should I prepare for my viva? Recipe for a good viva prep. If you have the time, forget about the whole PhD thing. You really just need 1 week or less (depending on your availabilities) to prepare just before the thesis, no need to get

started too early.

Do I need to prepare a presentation for my viva? Other examiners prefer to discuss topics. Very few examiners will perform a page by page criticism. You may be asked to prepare a presentation of your work in a suitable format. You are not expected to know your thesis by heart, but to refer to the appropriate page when the examiners wish to discuss a specific point.

Why C programming is so hard? The C language is less forgiving syntactically and requires significantly more awareness and concentration in regards to putting things in order. Memory management and garbage collection is handled manually whereas other languages have automatic garbage collection.

Why are pointers in C so hard? Understanding pointers is often regarded as one of the most challenging aspects of learning the C programming language. Many individuals struggle to grasp the concept of pointers due to the inherent complexity of comprehending how the central processing unit (CPU) and memory work together.

Is C harder than Python? Python is easier than C to learn. But C helps to learn the fundamentals of programming while Python focuses on doing the job. Because Python is made in C doesn't mean you need to learn it. It is supposed to be an opposite and make a fast learning environment, unlike C.

What are the 4 pillars of C language?

What are Viva questions in C?

How many data types are in C? There are four basic data types in C programming, namely Char, Int, Float, and Double. What do signed and unsigned signify in C programming? In the C programming language, the signed modifier represents both positive and negative values while the unsigned modifier means all positive values.

What questions can be asked in a computer Viva?

What is Viva in programming? ViVA (Virtual Vector Architecture) is a technology from IBM for coupling together multiple scalar floating point units to act as a single vector processor.

What questions can be asked in accounts Viva?

How to practice C for an interview?

What are the 10 most popular mixed drinks?

What are the 50 classic cocktails?

What are the top 10 classic cocktails?

What cocktails to serve at cocktail party?

What are 5 cocktails you must try?

What are the 6 basic mixed drinks? The basic types of cocktails are the Old Fashioned, Daiquiri, Martini, Whisky Highball, Flip, and Sidecar.

What are the five basic cocktails? Get a handle on those six drinks, the authors write, and you'll be able to create innumerable variations. They are the Old Fashioned, Martini, Daiquiri, Sidecar, Whiskey Highball, and Flip.

What are some trendy cocktails?

What is a good fruity cocktail?

What are the big 6 cocktails? A signed first edition of his book can fetch well more than the cost of a new puzzle chest. He insisted that there were six essential cocktails, to be known and loved, if one were to be taken seriously as an aficionado: the Daiquiri, the Jack Rose, the Manhattan, the Martini, the Old Fashioned, and the Side Car.

What is the king of all cocktails? Martini. The gin martini is the king of cocktails. A clear, classic, very strong cocktail. For such a simple cocktail (gin, vermouth), the martini isn't afraid to court a little controversy.

Which cocktail is best for beginners?

What is a cocktail everyone likes?

What is a perfect serve cocktail? By definition, "with the perfect serve everything must be flawless: the drink, the glass, the garnish, the presentation and, of course, the bartender. Unamicable service from behind the bar will guarantee that punters won't stay for long, and certainly not order a second drink. Everything has to be spot on."

What are the four basic cocktails? In an attempt to demystify the always delightful but often murky path to cocktail enlightenment, we present four basic cocktail categories: sours, fizzes, Old-Fashioneds and three-parters.

What are the 20 most popular cocktails?

What are the big 6 cocktails? A signed first edition of his book can fetch well more than the cost of a new puzzle chest. He insisted that there were six essential cocktails, to be known and loved, if one were to be taken seriously as an aficionado: the Daiquiri, the Jack Rose, the Manhattan, the Martini, the Old Fashioned, and the Side Car.

What are the top 5 most popular drinks?

What is the most popular alcoholic drink right now?

What is the basic programming language for PIC? The PIC microcontrollers is programmed by the embedded C language or assembly language by using appropriate dedicated software. Before going to build a PIC microcontroller project, we must become aware of developing a basic microcontroller (like 8051) based project.

How to write a C code for a PIC microcontroller? The first step in writing C-code for a microcontroller is knowing and understanding the type of information found in the data sheet of the device used for programming. The data sheet contains information about the features, memories, core and peripheral modules of the microcontroller.

What is the basic concept of PIC microcontroller? PIC is a Peripheral Interface Microcontroller which was developed in the year 1993 by the General Instruments Microcontrollers. It is controlled by software and programmed in such a way that it

performs different tasks and controls a generation line.

What is C language in microcontroller?

Are PIC microcontrollers still used? These microcontrollers are often used for industrial and automotive applications, as well as for hobby projects. PIC microcontrollers have a high reliability and robustness with a long lifespan, as well as a rich set of peripherals and modules such as PWM, UART, SPI, I2C, and USB.

Which software is used for a PIC microcontroller? Low-power and high-speed variations exist for many types. The manufacturer supplies computer software for development known as MPLAB X, assemblers and C/C++ compilers, and programmer/debugger hardware under the MPLAB and PICKit series. Third party and some open-source tools are also available.

How to start with PIC microcontroller?

Can you program a PIC with Arduino? Program a PIC microcontroller with an Arduino? Yes! And not just because we can, but because it's easy to build and program stuff with Arduino.

What is the difference between Arduino and PIC? Difference Between PIC vs Arduino. The expansion of PIC represents the peripheral interface controller which is the term rarely used these days. Arduino is available as an open-source that is user-friendly in terms of both software and hardware. They belong to the family of microcontrollers.

What is the difference between microcontroller and PIC microcontroller? The AVR microcontroller has a bus width of either 8 or 32 bits, which means it can process information in chunks of either 8 or 32 bits at a time. The PIC MCU has a bus width of 8, 16, or 32 bits, which determines the amount of data it can process simultaneously.

What is a microcontroller for beginners? A microcontroller is a compact integrated circuit designed to govern a specific operation in an embedded system. Think of it as a mini-computer on a single chip, comprising a processor core, memory, and programmable input/output peripherals.

What are the most common instructions of PIC microcontrollers? PIC like most MCs supports only subtraction and addition. Flags C, DC and Z are set depending on a result of addition or subtraction. Logic unit performs AND, OR, EX-OR, complement (COMF) and rotation (RLF & RRF). Instructions BCF and BSF do setting or cleaning of one bit anywhere in the memory.

Is embedded C easy to learn? Embedded C can be hard because it needs to be very efficient and work closely with hardware. But if you keep trying and learn about embedded systems, it gets easier. Even though it might be tough at first, getting good at Embedded C feels great. If you love working with embedded systems.

Are C and embedded C the same? C is the general purpose programming language which is used to designing a type of desktop based applications. Embedded C is the extension of C language which it is utilized to developing microcontroller applications. It helps to readability modifications, bug fixing is simple in C language programs.

How to transfer C code in microcontroller?

What is special about PIC microcontroller? PIC Microcontroller is the very smallest microcontroller in the world that can be designed to carry out a huge range of tasks. These microcontrollers are in electronic devices such as phones, computer, and Embedded Operating System etc. Also, the features of these microcontrollers are RAM, CCP, SSP, LCD, and ICSP, etc.

What is the most popular PIC microcontroller? #1 PIC16F877A/PIC16F877 The programming process of PIC16F877A is simple. Besides, it is one of the simple PIC microcontrollers to use, gaining popularity among users. It comes with 8 and 16 bits and contains flash memory. The pins of this controller are applied to digital electronic circuits and various PIC projects.

What is the drawback of PIC microcontroller? Disadvantages of PIC Microcontroller: Program memory is not accessible and only one single accumulator is present.

What do you need to program a PIC microcontroller? To program a PIC microcontroller (or any MCU), the following software tools are typically required: An

IDE (Integrated Development Environment), which converts the symbolic logic written for the application into program commands.

How to make a PIC programmer? Open MPLAB, MPLAB X, or whichever IDE you are using and compile the program. If you wish to modify your program you don't need to import the hex file again, you should just compile it an click 'Write' in the PicKit software. Among the messages it displays it should read 'Reloading hex file' . That's it !

What is PIC C compiler? Description. This integrated C development environment gives developers the capability to quickly produce very efficient code from an easily maintainable high level language. The compiler includes built in functions to access the PIC hardware such as READ_ADC to read a value from the A/D converter.

How to code a microcontroller in C?

Which software is used to program PIC microcontroller? The MPLAB X IDE is a comprehensive development environment from Microchip. You'll need the MPLAB X to write your firmware, compile and build it before you can program the PIC microcontroller.

Which compiler is used for PIC microcontroller? The MPLAB XC16 Compiler supports all 16-bit PIC microcontrollers (MCUs).

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How to make a PIC programmer?

What is PIC in coding? In computing, position-independent code (PIC) or position-independent executable (PIE) is a body of machine code that executes properly regardless of its memory address.

Which IDE is used for PIC? MPLABX. Languages:? Assembly, C, C++, etc. Skill Level:? Intermediate. MPLAB X is the very popular IDE for embedded development for PIC microcontrollers developed by Microchip.

Which is the best C compiler for PIC? 1) MPLAB C18 Compiler MPLAB C18 compiler comes at top in the list of top 3 PIC C Compiler as its the best one in the series. MPLAB is an official software developed by Microchip for PIC Microcontroller. It is free to use and you can download it from official site of Microchip.

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Is PIC Microcontroller RISC or CISC? In contrast, a PIC microcontroller (RISC device) may take up to 38 clock cycles. As the example reveals, the RISC device is 2x faster than its CISC counterpart. Since CISC devices take more time to execute a single operation, the architecture does not support the parallel processing and pipelining of instructions.

Can you program a PIC with Arduino? Program a PIC microcontroller with an Arduino? Yes! And not just because we can, but because it's easy to build and program stuff with Arduino.

How to code a microcontroller? To translate code to a format usable by a microcontroller, a compiler must be used. A compiler is a software tool that takes higher level code and optimizes it for assembly. Assembly provides specific instructions to the microcontroller on what register operations to perform to match the operation of the original code.

How to get source code onto a PIC microcontroller?

Which PIC microcontroller to choose? The bit length of the PIC: You can choose between 8, 16 and 32 bit micro controllers. My advice is to choose the smallest possible. If you do not have to deal with large numbers, larger than 8-bits, then you should stick with the 8-bit family.

Which software is used to program a PIC microcontroller? The MPLAB X IDE is a comprehensive development environment from Microchip. You'll need the MPLAB X to write your firmware, compile and build it before you can program the PIC

microcontroller.

What is the use of PIC microcontroller? PIC microcontrollers are meant to enable simple programming and interfacing in embedded system design. Most of the PIC microcontrollers that hit the market are 8-bits microcontrollers, although Microchip did introduce some 16-bits and 32-bits PIC microcontrollers. The Harvard Architecture used by PIC Microcontrollers.

How to upload code to pic microcontroller?

What is PIC in software? The initials PIC stand for Project Information Co-Ordinator - this user is a member of the project management team who has the ability to assign rights to other project users and has the ability to change certain aspects of how a project is configured. Among other things, a PIC can: Add companies and users to projects.

Which IDE is easy to use? IntelliJ IDEA IntelliJ IDEA is a user-friendly IDE that focuses on user experience and productivity. It supports languages like JavaScript, Kotlin, Scala, Groovy, HTML, Kotlin, PHP, Python, JSON, TypeScript, and more. The Community Edition of this IDE is free to use. There is also an advanced Ultimate Edition.

Is Lady Pamela Hicks related to the Queen? Seated on the grand sofa is Lady Pamela Hicks – Lady P for short – the younger daughter of Lord Mountbatten, as well as a bridesmaid and lady-in-waiting to Queen Elizabeth II, her third cousin. At 95 years of age, not only has her life spanned the 20th century's most historic moments, she was present at many of them.

Who is India Hicks' mother? Early life. Hicks was born in 1967 in London. Hicks is the third child of Lady Pamela Mountbatten and David Nightingale Hicks. Her mother was a lady-in-waiting to Queen Elizabeth II and her father was a famous interior designer.

Who is Lady Pamela Hicks married to? Marriage and children Lady Pamela is the widow of interior decorator and designer David Nightingale Hicks (25 March 1929 – 29 March 1998), son of stockbroker Herbert Hicks and Iris Elsie Platten. They were married on 13 January 1960 at Romsey Abbey in Hampshire.

Why is Lord Mountbatten not a prince? Mountbatten's paternal grandparents' marriage was morganatic because his grandmother was not of royal lineage; as a result, he and his father were styled "Serene Highness" rather than "Grand Ducal Highness", were not eligible to be titled Princes of Hesse, and were given the less exalted Battenberg title.

Is The Queen related to Johnny Depp? Ancestry experts said they were able to work a connection which established the Johnny Depp and Queen Elizabeth II as 20th cousins, meaning the US actor shares his '19th' Grandfather with Her Majesty. The genealogist traced Johnny's ancestral family name back to 14th Century French Huguenots living in England.

How is India Hicks related to Prince Charles? Among them is Charles's goddaughter, India Hicks. A writer, designer, and former model, Hicks is a descendant of the Mountbatten family and the daughter of Queen Elizabeth's lady-in-waiting Lady Pamela Hicks, whose father was the last viceroy of India.

Did Lady Pamela Hicks go to the coronation? Lady Pamela Hicks said she was "not offended at all" to miss out on an invite to the King's coronation, despite serving as the Queen's bridesmaid and lady-in-waiting.

Who has the surname Mountbatten Windsor? The House of Mountbatten-Windsor is the personal surname used by some of the male-line descendants of Queen Elizabeth II and Prince Philip, Duke of Edinburgh.

Who was Lord Mountbatten's wife? Edwina Cynthia Annette (née Ashley), Countess Mountbatten of Burma.

Where is Lord Mountbatten buried? Mountbatten's remains were interred in Romsey Abbey. Per his wishes, his tomb was aligned north–south, rather than the conventional east–west, so that it faced the sea where his wife Edwina was buried.

Are any of Queen Elizabeth's bridesmaids still alive? The couple lives at Houghton Hall, not far from Anmer Hall, the country home of the royal couple and their children Prince George and Princess Charlotte. Only two of the bridesmaids from the Queen and Prince Philip's 1953 wedding are still alive – Lady Pamela Hicks and Princess Alexandra, who turns 80 on December 25.

Why was Mountbatten assassinated? The Irish Republican Army had killed Lord Mountbatten because they opposed Northern Ireland being part of England. A 1979 report on McMahon's conviction in the Washington Post said how gardaí were keeping open the Mountbatten file in the belief that up to seven others were involved in the plot.

What did the Queen call Lord Mountbatten? Known as Uncle Dickie at Buckingham Palace, Lord Mountbatten was celebrated after World War II as a brilliant military commander. In his later years, he served as the last viceroy of India and elder statesman for the royal family.

Did Prince Philip want the name Mountbatten? Prince Philip adopted the family name of Mountbatten when he became a naturalised British subject and renounced his Greek and Danish Royal title in 1947.

How is Beyonce related to the Queen? Beyonce and the Queen were 25th cousins once removed. The ancestry site Geni has helpfully spelled out the exact link: "Elizabeth II, Queen of the United Kingdom is Beyoncé's stepfather's wife's first cousin's mother's ex-husband's ex-wife's first cousin's wife's aunt's husband's father's wife's nephew's wife."

How is Camilla related to Madonna? Thus officially, Queen Camilla has Percheron-French blood and Celine Dion and Madonna are her cousins.

Is Madonna related to royalty? Madonna is undoubtedly the Queen of Pop, and she's also a royal when it comes to her family too. The music legend, 65, is ninth cousin, once removed, of the Queen Consort Camilla, 76.

> *cocktails mixed drinks, pic microcontrollers the basics of c programming language, daughter of empire life as a mountbatten*

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