**Quiz Game**

PROJECT (2021-2022)

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**SECTION: 205-’A’.**

**SUBJECT: FOCP.**

**CODE**

**#include <stdio.h>**

**int questions(int i){**

**int ans;**

**if(i==1){**

**printf("A) What is the 16-bit compiler allowable range for integer constants?\n");**

**printf(" 1)-3.4e38 to 3.4e38\n");**

**printf(" 2)-32767 to 32768\n");**

**printf(" 3)-32668 to 32667\n");**

**printf(" 4)-32768 to 32767v\n");**

**printf(" Your answer=");**

**scanf("%d",&ans);**

**if(ans==4 ){**

**printf("\n");**

**printf("That's correct!!! Let's keep going!\n");**

**printf("\n");**

**return 1;**

**}**

**else{**

**printf("\n");**

**printf("Awww you almost had that one!\n");**

**printf("\n");**

**return -1;**

**}**

**}**

**else if(i==2){**

**printf("B) Study the following program:\n");**

**printf(" main()\n");**

**printf(" {printf(\"javatpoint\");\n");**

**printf(" main();}\n");**

**printf(" What will be the output of this program?\n");**

**printf("\n");**

**printf(" 1)Wrong statement\n");**

**printf(" 2)It will keep on printing javatpoint\n");**

**printf(" 3)It will Print javatpoint once\n");**

**printf(" 4)None of the these\n");**

**printf("\n");**

**printf(" Your answer=");**

**scanf("%d",&ans);**

**if(ans==2){**

**printf("\n");**

**printf("That's correct!!! Let's keep going!\n");**

**printf("\n");**

**return 1;**

**}**

**else{**

**printf("\n");**

**printf("Awww you almost had that one!\n");**

**printf("\n");**

**return -1;**

**}**

**}**

**else if(i==3){**

**printf("C) What is required in each C program?\n");**

**printf(" 1)The program must have at least one function.\n");**

**printf(" 2)The program does not require any function.\n");**

**printf(" 3)Input data\n");**

**printf(" 4)Output data\n");**

**printf("\n");**

**printf("Your answer=");**

**scanf("%d",&ans);**

**if(ans==1){**

**printf("\n");**

**printf("That's correct!!! Let's keep going!\n");**

**printf("\n");**

**return 1;**

**}**

**else{**

**printf("\n");**

**printf("Awww you almost had that one!\n");**

**printf("\n");**

**return -1;**

**}**

**}**

**else if(i==4){**

**printf("D) Which of the following comment is correct when a macro definition includes arguments?\n");**

**printf(" 1)The opening parenthesis should immediately follow the macro name.\n");**

**printf(" 2)There should be at least one blank between the macro name and the opening parenthesis.\n");**

**printf(" 3)There should be only one blank between the macro name and the opening parenthesis.\n");**

**printf(" 4)All the above comments are correct.\n");**

**printf("\n");**

**printf("Your answer=");**

**scanf("%d",&ans);**

**if(ans==1){**

**printf("\n");**

**printf("That's correct!!! Let's keep going!\n");**

**printf("\n");**

**return 1;**

**}**

**else{**

**printf("\n");**

**printf("Awww you almost had that one!\n");**

**printf("\n");**

**return -1;**

**}**

**}**

**else if(i==5){**

**printf("E) What is a lint?\n");**

**printf(" 1)C compiler\n");**

**printf(" 2)Interactive debugger\n");**

**printf(" 3)Analyzing tool\n");**

**printf(" 4)C interpreter\n");**

**printf("\n");**

**printf("Your answer=");**

**scanf("%d",&ans);**

**if(ans==3){**

**printf("\n");**

**printf("That's correct!!! Let's keep going!\n");**

**printf("\n");**

**return 1;**

**}**

**else{**

**printf("\n");**

**printf("Awww you almost had that one!\n");**

**printf("\n");**

**return -1;**

**}**

**}**

**else if(i==6){**

**printf("F)What does this declaration mean?\n");**

**printf("int x : 4; \n");**

**printf(" 1)X is a four-digit integer.\n");**

**printf(" 2)X cannot be greater than a four-digit integer.\n");**

**printf(" 3)X is a four-bit integer.\n");**

**printf(" 4)None of the these\n");**

**printf("\n");**

**printf("Your answer=");**

**scanf("%d",&ans);**

**if(ans==3){**

**printf("\n");**

**printf("That's correct!!! Let's keep going!\n");**

**printf("\n");**

**return 1;**

**}**

**else{**

**printf("\n");**

**printf("Awww you almost had that one!\n");**

**printf("\n");**

**return -1;**

**}**

**}**

**else if(i==7){**

**printf("G) Why is a macro used in place of a function?\n");**

**printf(" 1)It reduces execution time.\n");**

**printf(" 2)It reduces code size.\n");**

**printf(" 3)It increases execution time.\n");**

**printf(" 4)It increases code size.\n");**

**printf("\n");**

**printf("Your answer=");**

**scanf("%d",&ans);**

**if(ans==1){**

**printf("\n");**

**printf("That's correct!!! Let's keep going!\n");**

**printf("\n");**

**return 1;**

**}**

**else{**

**printf("\n");**

**printf("Awww you almost had that one!\n");**

**printf("\n");**

**return -1;**

**}**

**}**

**else if(i==8){**

**printf("H)In the C language, the constant is defined \_\_\_\_\_\_\_.\n");**

**printf(" 1)Before main\n");**

**printf(" 2)After main\n");**

**printf(" 3)Anywhere, but starting on a new line.\n");**

**printf(" 4)None of the these.\")\n");**

**printf("\n");**

**printf("Your answer=");**

**scanf("%d",&ans);**

**if(ans==3){**

**printf("\n");**

**printf("That's correct!!! Let's keep going!\n");**

**printf("\n");**

**return 1;**

**}**

**else{**

**printf("\n");**

**printf("Awww you almost had that one!\n");**

**printf("\n");**

**return -1;**

**}**

**}**

**else if(i==9){**

**printf("I) How many times will the following loop execute?\n");**

**printf("for(j = 1; j <= 10; j = j-1) \n");**

**printf(" 1)Forever\n");**

**printf(" 2)Never\n");**

**printf(" 3)0\n");**

**printf(" 4)1\n");**

**printf("\n");**

**printf("Your answer=");**

**scanf("%d",&ans);**

**if(ans==1){**

**printf("\n");**

**printf("That's correct!!! Let's keep going!\n");**

**printf("\n");**

**return 1;**

**}**

**else{**

**printf("\n");**

**printf("Awww you almost had that one!\n");**

**printf("\n");**

**return -1;**

**}**

**}**

**}**

**void rewards(int r){**

**if(r==1){**

**(" `-.\_ \\ /\n");**

**printf(" `-.+\_ \_\_ ,--. .\n");**

**printf(" `-..\_ .: ). (`--\"| \\\n");**

**printf(" 7 | `\" | `...' \\\n");**

**printf(" | `--' '+\" ,\". ,\"\"-\n");**

**printf(" | \_... .\_\_\_\_ | |/ '\n");**

**printf(" \_. | . `. '--\" / `./ j\n");**

**printf(" \\' `-.| ' | `. / / /\n");**

**printf(" ' `-. `---\" `-\" / /\n");**

**printf(" \\ `. \_,' /\n");**

**printf(" \\ ` .\n");**

**printf(" \\ j\n");**

**printf(" \\ /\n");**

**printf(" `. .\n");**

**printf(" + \\\n");**

**printf(" | L\n");**

**printf(" | |\n");**

**printf(" | \_ /, |\n");**

**printf(" | | L)'.. |\n");**

**printf(" | . | ` |\n");**

**printf(" ' \\' L '\n");**

**printf(" \\ \\ | j\n");**

**printf(" `. `\_\_' /\n");**

**printf(" \_,.--.---........\_\_ /\n");**

**printf(" ---.,'---` | -j\"\n");**

**printf(" .-' '....\_\_ L |\n");**

**printf(" \"\"--.. \_,-' \\ l||\n");**

**printf(" ,-' .....------. `||'\n");**

**printf(" \_,' /\n");**

**printf(" ,' /\n");**

**printf(" '---------+- /\n");**

**printf(" / /\n");**

**printf(" .' /\n");**

**printf(" .' /\n");**

**printf(" ,' /\n");**

**printf(" \_'....----\"\"\"\"\" \n");**

**}**

**else if(r==2){**

**printf(" /\n");**

**printf(" \_,.------....\_\_\_,.' ',.-.\n");**

**printf(" ,-' \_,.--\" |\n");**

**printf(" ,' \_.-' .\n");**

**printf(" / , ,' `\n");**

**printf(" . / / ``.\n");**

**printf(" | | . \\.\\\n");**

**printf(" \_\_\_\_ |\_\_\_.\_. | \_\_ \\ `.\n");**

**printf(" .' `---\"\" ``\"-.--\"'` \\ . \\\n");**

**printf(" . , \_\_ ` | .\n");**

**printf(" `,' ,-\"' . \\ | L\n");**

**printf(" ,' ' \_.' -.\_ / |\n");**

**printf(" ,`-. ,\". `--' >. ,' |\n");**

**printf(" . .'\\' `-' \_\_ , ,-. / `.\_\_.- ,'\n");**

**printf(" ||:, . ,' ; / / \\ ` `. . .'/\n");**

**printf(" j|:D \\ `--' ' ,'\_ . . `.\_\_, \\ , /\n");**

**printf("/ L:\_ | . \"' :\_; `.'.'\n");**

**printf(". \"\"' \"\"\"\"\"' V\n");**

**printf(" `. . `. \_,.. `\n");**

**printf(" `,\_ . . \_,-'/ .. `,' \_\_ `\n");**

**printf(" ) \\`.\_ \_\_\_....----\"' ,' .' \\ | ' \\ .\n");**

**printf(" / `. \"`-.--\"' \_,' ,' `---' | `./ |\n");**

**printf(" . \_ `\"\"'--..\_\_\_\_\_..--\" , ' |\n");**

**printf(" | .\" `. `-. /-. / ,\n");**

**printf(" | `.\_.' `,\_ ; / ,' .\n");**

**printf(" .' /| `-. . ,' , ,\n");**

**printf(" '-.\_\_ \_\_ \_,',' '`-..\_\_\_;-...\_\_ ,.'\\ \_\_\_\_.\_\_\_.'\n");**

**printf(" `\"^--'..' '-`-^-'\"-- `-^-'`.''\"\"\"\"\"`.,^.`.--'\n");**

**}**

**else if(r==3){**

**printf(" \_.--\"\"`-..\n");**

**printf(" ,' `.\n");**

**printf(" ,' \_\_ `.\n");**

**printf(" /| \" \_\_ \\\n");**

**printf(" , | / |. .\n");**

**printf(" |,' !\_.'| |\n");**

**printf(" ,' ' | |\n");**

**printf(" / |`--'| |\n");**

**printf(" | `---' |\n");**

**printf(" . , | ,\".\n");**

**printf(" .\_ ' \_' | , ' \\ `\n");**

**printf(" `.. `.`-...\_\_\_,...---\"\" | \_\_,. ,`\" L,|\n");**

**printf(" |, `- .`.\_ \_,-,.' . \_\_.-'-. / . , \\\n");**

**printf("-:.. `. `-..--\_.,.< `\" / `. `-/ | .\n");**

**printf(" `, \"\"\"\"' `. ,' | | ',,\n");**

**printf(" `. ' ' / ' |'. |/\n");**

**printf(" `. | \\ \_,-' | ''\n");**

**printf(" `.\_' \\ '\"\\ . |\n");**

**printf(" | ' \\ `.\_ ,'\n");**

**printf(" | ' \\ .'|\n");**

**printf(" | . \\ | |\n");**

**printf(" | | L ,' |\n");**

**printf(" ` | | / '\n");**

**printf(" \\ | | ,' /\n");**

**printf(" ,' \\ | \_..\_ ,-..\_\_\_,..-' ,'\n");**

**printf(" / . . `! ,j'\n");**

**printf(" / `. / . .'/\n");**

**printf(" . `. / | \_.'.'\n");**

**printf(" `. 7`'---' |------\"'\_.'\n");**

**printf(" \_,.`,\_ \_' ,''-----\"'\n");**

**printf(" \_,-\_ ' `. .' ,\\\n");**

**printf(" -\" /`. \_,' | \_ \_ \_.|\n");**

**printf(" \"\"--'---\"\"\"\"\"' `' '! |! /\n");**

**printf(" `\" \" -' \n");**

**printf("\n");**

**printf("\n");**

**}**

**}**

**int main() {**

**int score=0,p;**

**char a;**

**int i=1;**

**printf("You think you know all there is to know about the C language?\n");**

**printf("You think you are the best of them all?\n");**

**printf("Then what are you waiting for?!?!?!?1\n");**

**printf("Participate in the world's hardest C language quiz!!!!\n");**

**printf("\n would you like to enter the quiz?(y/n)\n");**

**scanf("%c",&a);**

**if(a=='y' || a=='Y'){**

**while(i<10){**

**p=questions(i);**

**score+=p;**

**i++;**

**}**

**}**

**else{**

**printf("Go away loser.\n");**

**}**

**int r;**

**if(score==9){**

**printf("You are a master of C language!(Not really)\n");**

**printf("There is nothing more for you to learn(Not reallt)\n");**

**printf("As a reward for scoring full marks You may choose one of the following rewards:-\n");**

**printf("1)Pikachu\n");**

**printf("2)Bulbasaur\n");**

**printf("3)Charmender\n");**

**printf("Your choice=\n");**

**scanf("%d",&r);**

**rewards(r);**

**}**

**else{**

**printf("Your score id %d",score);**

**if(score<5){**

**printf("Your a lost cause, it's time to change your stream\n");**

**}**

**else{**

**printf("Keep trying there is still hope for you!\n");**

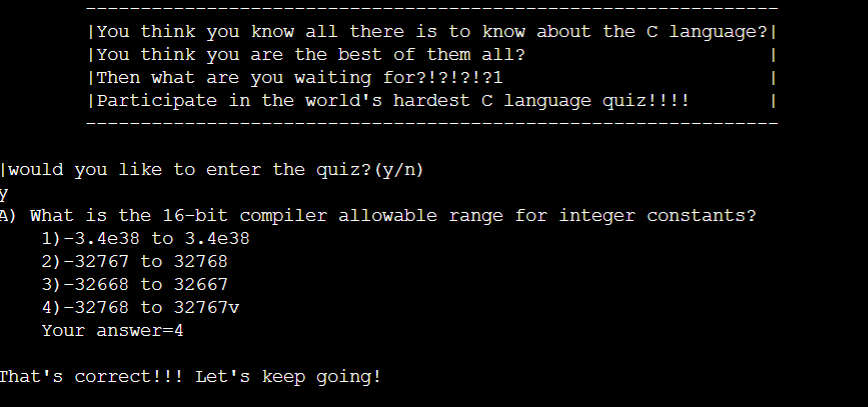
**}**

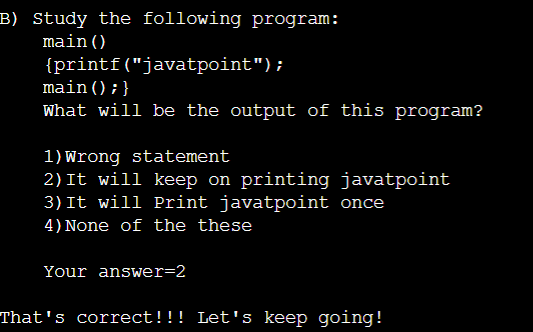
**}**

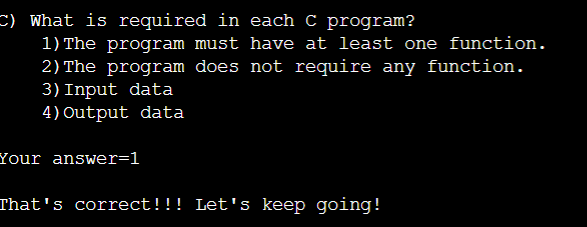
**return 0;**

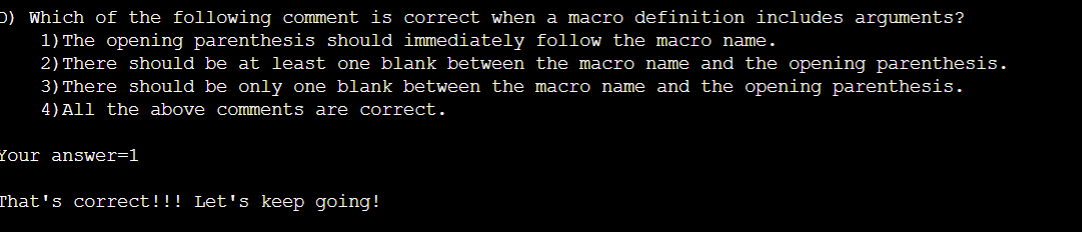
**}**

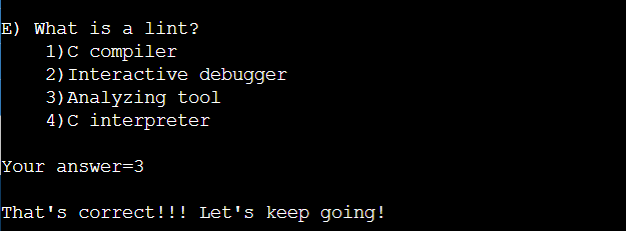
**OUTPUT**

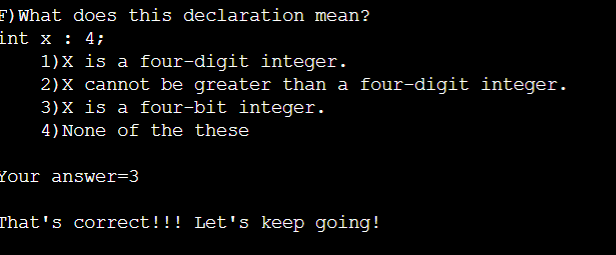
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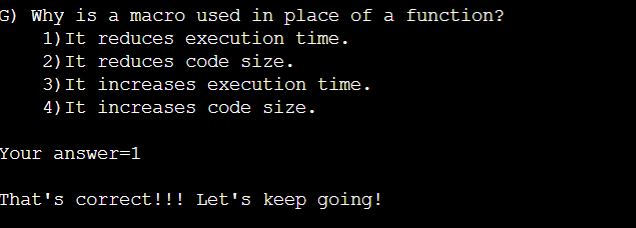
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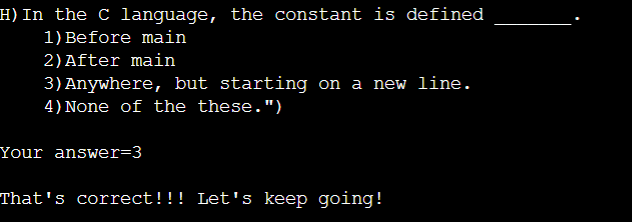
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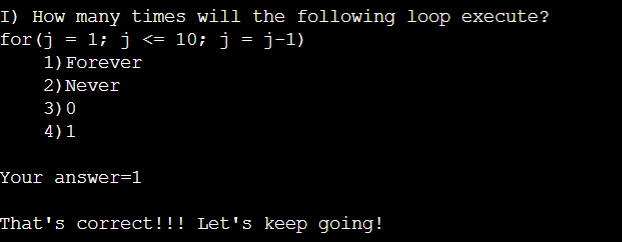
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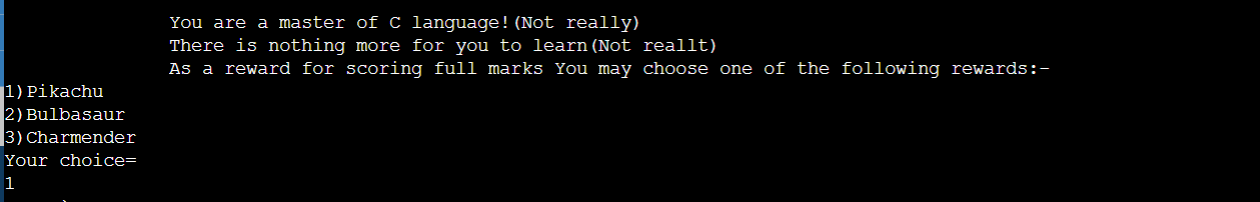
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